

Snapshot – Policy Division

DDG Weekly Strategy Meeting

Key Issues	Background	Key Dates
s.73 Not Relevant		

Released under RTI - DPC

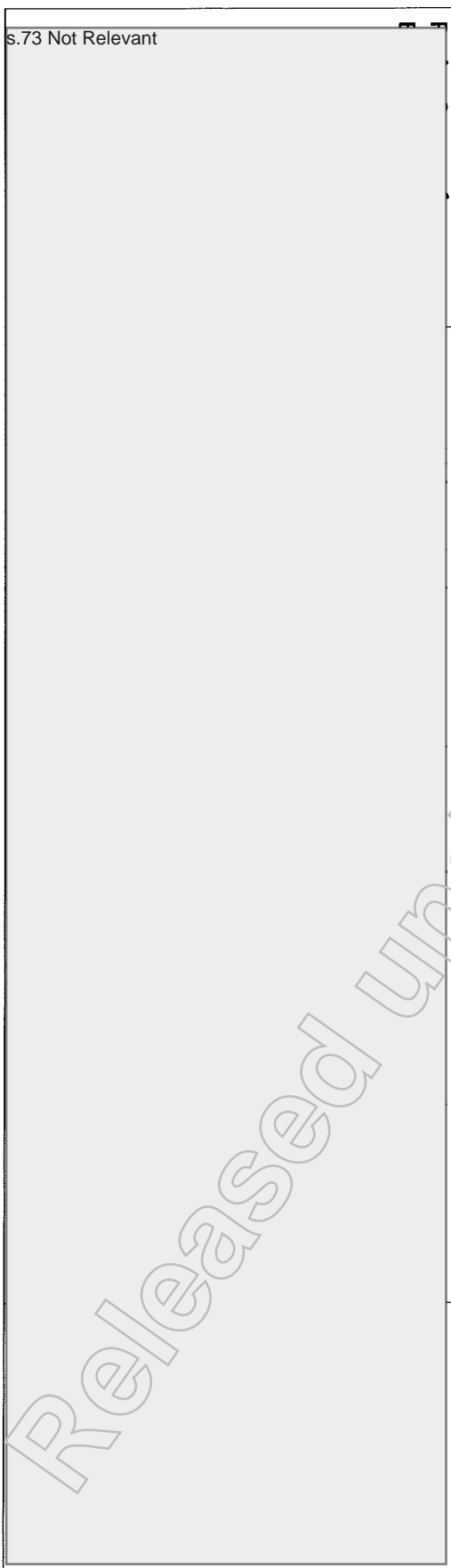
CABINET IN CONFIDENCE

DDG Weekly Strategy Meeting

Key Issues	Background	Key Dates
<p>s.73 Not Relevant</p> <p><i>Released under RTI - DPC</i></p>		

DDG Weekly Strategy Meeting

DDG Weekly Strategy Meeting	
Key Issues	Background
Adani Native Title	<ul style="list-style-type: none"> On 16 April 2016 a majority (7 of the 12) of the Wangan and Jagalingou People (W&J) entered into an Indigenous Land Use Agreement (ILUA) with Adani. On 10 April 2017 the 5 members that did not sign the agreement commenced proceedings in the Federal Court against Adani, Queensland South Native Title Services, National Native Title Tribunal Registrar and the State of Queensland On 31 July 2018, the members of the W&J Native Title claim group that did not sign the ILUA also submitted a request to the UN Committee on the Elimination of Racial Discrimination. In August 2018, the Federal Court handed down a judgment that the applicant's challenge to the registration of the ILUA was dismissed. The Applicants have lodged an appeal which will be heard on 27 and 28 May 2019. The Federal Court is the appropriate forum to determine whether the ILUA complies with Australian Law, and the Queensland Government will respect the court's decision once it is made.
	Key Dates
	27 and 28 May 2019
s.73 Not Relevant	



s.73 Not Relevant

Released under the Official Information Act 1982

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s.73 Not Relevant		

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Key Issues	Background	Key Dates
s.73 Not Relevant		
Adani groundwater plans	<ul style="list-style-type: none"> Proposed meeting between Adani and DES to discuss the Groundwater Dependent Ecosystem Management Plan and the Groundwater Management and Monitoring Program. The Department of Environment and Science has sought clarification from CSIRO and Geoscience Australia on the evidence supporting the identification of the source aquifer(s) of the Doongmabulla Springs Complex in the latest version of the plan. ABC recently reported CSIRO's acceptance of Adani's updated plans were based on a summary document, rather than the plan itself, and alleged Federal Government pressure to do so in a very short timeframe. 	20 May 2019
W&J appeal of Adani ILUA	<ul style="list-style-type: none"> The validity of the ILUA between Adani and the Wangan and Jagalingou (W&J) People has been the subject of court action. On 17 August 2018, Justice Reeves handed down his decision to dismiss the matter. The Applicants have lodged an appeal of the Court's decision in the full Federal Court which is listed for hearing on 27 and 28 May 2019. 	27 and 28 May 2019

DDG Weekly Strategy Meeting

Key Issues	Background	Key Dates
s.73 Not Relevant		
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Released under RTI - DPC

Snapshot – Policy Division

DDG Weekly Strategy Meeting		
Key Issues	Background	Key Dates
Adani Groundwater Dependent Ecosystem Management Plan (GDEMP) approval	<ul style="list-style-type: none"> Significant mining activities cannot commence until GDEMP is approved by DES. Additional advice from CSIRO about the source aquifer of the Doongmabulla Springs Complex expected to be provided to DES around 7 June. A decision about the GDEMP is expected by 13 June 2019. 	13 June 2019
s.73 Not Relevant		

Released under RTI

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Key Issues	Background	Key Dates
<p>s.73 Not Relevant</p> <p>Released under RTI - DPC</p>		

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Key Issues	Background	Key Dates
s.73 Not Relevant		

Released under RTI - DPC

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s.73 Not Relevant		

Released under RTI - DPC

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Key Issues		Background	Key Dates
<p>Adani Plan decisions</p>		<p>s.73 Not Relevant</p> <ul style="list-style-type: none"> The Department of Environment and Science's decision on Adani's BTFMP is expected on 31 May 2019, as agreed with the Coordinator-General. It is expected to attract continued media attention. The decisions for the Groundwater Plan is expected on 13 June. 	<p>31 May 2019 13 June 2019</p>
<p>s.73 Not Relevant</p>			

Released under RTI DPC

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Key Issues	Background	Key Dates
s.73 Not Relevant		

Released under RTI - DPC

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Key Issues	Background	Key Dates
s.73 Not Relevant		

Released under RTI - DPC

Snapshot – Policy Division

DDG Weekly Strategy Meeting

Key Issues	Background	Key Dates
<p>s.73 Not Relevant</p> <p>Released under RTI - DPP</p>		

DDG Weekly Strategy Meeting

	Background	Key Dates
Key Issues	s.73 Not Relevant	

Released under RTI - DPC

DDG Weekly Strategy Meeting

	DDG Weekly Strategy Meeting	
Key Issues	Background	Key Dates
<p>Adani - Lease on Moray Downs land to allow rail construction</p>	<ul style="list-style-type: none"> • 37 kilometres of rail corridor required for the Carmichael coal mine and rail project goes through the Moray Downs (MD) property which is included in the Wangan & Jagalingou Native Title claim. • In May 2019, the CG applied to DNRME for a term lease to be granted over the MD property for rail construction so native title will not be extinguished. • The land will then be included in the construction licence to allow Adani to construction and operate the railway. • CG publicly advised that approval of the lease is expected by 30 June 2019. • Before rail construction can commence, Adani is also required to enter into a construction licence with the CG (expected by 31 July 2019) that will set out the terms and conditions of construction and operation of the railway. Adani is also to enter into a connection agreement with Aurizon. 	<p>By 30 June 2019</p>
<p>s.73 Not Relevant</p>		

Released under the Information Access Act

DDG Weekly Strategy Meeting

Key Issues	Background	Key Dates
<p>s.73 Not Relevant</p> <p>Released under RTI - DPC</p>		

CABINET IN CONFIDENCE

DDG Weekly Strategy Meeting

Key Issues	Background	Key Dates
	s.73 Not R el evant	

Released under RTI - DPC

Adani – Carmichael Coal Mine and Port Operations

Key Facts

- On 2 February 2016, an environmental authority (EA) for the Carmichael Coal Mine (coal mine) was granted to Adani Mining Pty Ltd (Adani) and took effect on the granting of the mining leases on 3 April 2016.
- All major approvals for Adani's mine, rail and port projects have been obtained. Since early 2015, 46 project approvals have been granted and 55 key approval milestones reached.
- On 29 November 2018, Adani Group announced it would finance 100 per cent of the coal mine and rail project.
- The Government continues to work with Adani on several outstanding approvals, including for the rail corridor, land use, and plans to manage the project's impacts on groundwater and the endangered black-throated finch.

Key Issues

Mineral Resources (Galilee Basin) Amendment Bill

- On 31 October 2018, Mr Michael Berkman MP, Member for Maiwar introduced the Mineral Resources (Galilee Basin) Amendment Bill into the Parliament.
- On 18 April 2019, the State Development, Natural Resources and Agricultural Industry Development Parliamentary Committee tabled its report on the Bill and recommended that the Bill not be passed.

Environmental approvals

- Significant mining activities cannot commence until two management plans are approved by the Department of Environment and Science (DES) and the Federal Government:
 - the Black-throated Finch Management Plan (BTFMP); and
 - the Groundwater Dependent Ecosystem Management Plan (GDEMP).
- There is no statutory timeframe for DES' assessment of the plans.

BTFMP

- State and Federal government approvals authorise impacts to the Black-throated Finch population and habitat, however the BTFMP must detail the management, mitigation measures and monitoring to minimise impacts.
- In December 2018, the most recent version of the BTFMP was submitted.
- On 18 December 2018, the Federal Department of the Environment and Energy approved the BTFMP.
- Given the location of the Carmichael Coal Mine site hosts the most significant known population of the Black-throated Finch in Australia, DES engaged an independent expert panel to review the BTFMP.
- On 18 February 2019, the final review report was provided to Adani for its consideration. Adani subsequently provided submissions to DES which assessed the plan against the EA requirements.
- On 2 May 2019, DES sent Adani a letter advising the BTFMP did not meet the EA requirements and the plan required amendments.
- Adani can revise the BTFMP and re-submit for approval at any time.
- DES has not yet approved the BTFMP.

GDMEP

- The GDEMP must identify the source aquifer of the Doongmabulla Springs Complex and methodology used to determine the source.
- On 9 April 2019, DES received the most recent version of the GDEMP from Adani and the finalised independent scientific review by CSIRO and Geoscience Australia (GA) from the Federal Department of the Environment and Energy.
- On 9 April 2019, the Federal Minister for the Environment approved the GDEMP.
- DES is considering the review's findings and the updated GDEMP to ensure the plan meets the State Government's requirements.
- On 10 May 2019, DES wrote to CSIRO and GA requesting clarification on their advice about the source aquifer of the Doongmabulla Springs Complex.
- DES will assess whether the GDEMP meets the EA requirements, and advise Adani if further information or changes are required.

- DES has not yet approved the GDEMP.

Released under RTI - DPC

Amendment to environmental authority

- On 31 January 2019, DES approved Adani's amendment application and issued the amended EA. This amended EA changes the layout of site water storages and does not increase the overall disturbance footprint of the mine.
- Any disturbance associated with the water storages cannot take place until the GDEMP and BTFMP are approved.

Environmental investigations:

- In September 2018, DES commenced a formal investigation into mining activities at Carmichael after receiving allegations of dewatering bores being constructed and vegetation being cleared.

Plan of Operations and Financial Assurance

- Existing financial assurance of \$11,559,731 is held by the State Government as a bank guarantee, and as cash in a DES bank account.
- On 5 April 2019, DES made a decision to increase the FA to \$15,824,063.
- Adani Mining Pty Ltd are required to lodge the additional FA as cash into a DES bank account by 24 May 2019.

Indigenous Land Use Agreement (ILUA)

- On 16 April 2016, following authorisation by a large majority of the Wangan and Jagalingou people (W & J), seven of the 12 applicants of the W & J Native Title claim signed an ILUA with Adani for the development of the Carmichael Coal Mine project.
- On 8 December 2017, the ILUA was registered by the Registrar of the National Native Title Tribunal (NNTT).
- Five of the W & J Native Title claim applicants who had not signed the W & J Adani ILUA commenced proceedings in the Federal Court to challenge several aspects of the ILUA, led by Adrian Burragubba, spokesman for the W & J Traditional Owners Family Council (W&J).
- On 17 August 2018, the Federal Court dismissed the application and the applicants (W&J) were ordered to pay the sum of \$637,960.32 in legal costs incurred by Adani and Queensland South Native Title

Services. Subsequently, Adani presented a creditors petition to the Federal Court seeking payment by Adrian Burragubba.

- On 25 January 2019, ABC News reported Grata Fund had agreed to pay the \$50,000 surety so W&J could appeal the court ruling. Grata Fund maintains the appeal will resolve an important question of Australian native title law – that the law requires that members of a Native Title group, must give their free, prior and informed consent.
- The appeal is listed for late May 2019.

Port of Abbot Point and rail corridor

- Adani owns the existing coal terminal at the port and the first stage of the mine can be accommodated without any major expansion.
- In October 2017, the Coordinator-General acquired most of the land required for a rail corridor. Adani provided a \$45 million cash security for land acquisition costs – resulting in the State Government not incurring any land acquisition costs.
- In September 2018, Adani announced it would no longer develop its own rail line to the Port of Abbot Point but use the existing Aurizon rail line with a new connection from the mine to be constructed.
- The Coordinator-General and Adani entered an early works deed under which a licence has been provided to Adani until 30 April 2020 to enter acquired land to carry out pre-construction investigations.
- The Coordinator-General has not decided on how to deal with the land acquired for the rail corridor which is no longer required.
- Adani requested progression of negotiations on the construction licence with the Coordinator-General. Subsequently, a Project Control Group (PCG) was established, comprising representatives from various agencies, to resolve the matters relating to the construction licence and sublease of the rail line. The PCG agreed several issues should be elevated for confirmation of the State's position in light of the changed project.
- Abbot Point Bulkcoal Pty Ltd (APBC) (an Adani subsidiary) holds two EAs for Abbot Point Coal Terminal.
- In March 2017, APBC reported a discharge from Abbot Point Coal Terminal during Tropical Cyclone (TC) Debbie, which exceeded its

temporary emissions licence – with no known environmental impacts due to the discharge.

- In response to the discharge, on 20 July 2017, DES issued a penalty infringement notice (PIN) totalling \$12,190 to APBC.
- APBC elected to contest the PIN and subsequently DES conducted a formal investigation in accordance with its usual practice. In September 2018, DES commenced prosecution proceedings against APBC. The matter has been listed for a five-day hearing commencing 22 July 2019 before the Bowen Magistrates Court.
- DES has investigated potential releases of coal fines from an authorised discharge location into the Caley Valley Wetlands also as a result of TC Debbie in March 2017.
- Following the investigation, DES issued a notice to conduct an environmental evaluation under the *Environmental Protection Act 1994* to APBC, which was then subject of an appeal to the Planning and Environment Court.
- The matter was reviewed before the Planning and Environment Court on 21 September 2018. The Court made orders by agreement to set aside the environmental evaluation notice.
- DES has commenced its own monitoring of the wetlands.
- On 7 February 2019, APBC advised DES of the commencement of a release of stormwater from an authorised release point at the Abbot Point Coal Terminal.
- On 8 February 2019, DES collected water samples to assess compliance with the EA conditions. The results indicated the release was not in compliance with the EA release limits for suspended solids.
- On 15 February 2019, DES issued APBC with correspondence inviting representations as to why DES should not take enforcement action. APBC responded to DES on 1 March 2019. DES considered the correspondence as part of its investigation into the matter.
- On 25 March 2019, DES issued APBC with a \$13,055 penalty infringement notice for breaching a condition of its EA in relation to the release of stormwater in February 2019. On 18 April 2019, APBC paid the PIN issued in full

Airstrip

- In October 2017, Townsville City Council (TCC) approved funds to facilitate TCC's involvement in the development and operation of an airstrip at the mine site within the Isaac Regional Council area.
- TCC set aside \$18.5 million to jointly fund the project with the Rockhampton Regional Council and secured an operating lease for 30 years over the airstrip.
- As Adani scaled back its operation, it does not require an airstrip in the short term and on 1 June 2018, Cr Jenny Hill, Mayor TCC, stated the funds TCC had set aside would be used for other projects instead, pending Adani being able to secure funding for the mine.

Queensland Government response

- The Government supports the Adani project, provided it is commercially viable.
- The Government will monitor Adani to ensure it meets all its environmental regulatory requirements.

Released under RTID417

Adani – Carmichael Coal Mine and Port Operations

Key Facts

- Since early 2015, 51 project approvals have been granted by all levels of government and 60 key approval milestones reached. February 2016, an environmental authority was granted.
- On 29 November 2018, Adani Group announced it would finance 100 per cent of the coal mine and rail project.
- On 28 May 2019, the Department of Environment and Science approved Adani's Black-throated Finch Management Plan.
- On 13 June 2019, the Department of Environment and Science approved Adani's Groundwater Dependent Ecosystem Plan.
- Adani has all of its major approvals in place for the project to commence construction.
- The project is still required to meet further State and Federal Government conditions of approval before it can begin producing coal.
- Adani rescoped its project in September last year, and the Coordinator-General has been working with representatives from Adani, the regulator and other state government agencies to determine the timeframes to resolve remaining decisions.

Key Issues

Australian Conservation Foundation – federal water trigger legal challenge

- In 2018, the Australian Conservation Foundation (ACF) lodged an appeal of the Federal Minister for the Environment decision that Adani's North Galilee Water Scheme (NGWS) project did not require approval under the Environment Protection and Biodiversity Conservation Act 1999 (Cth) (EPBC Act) water trigger.
- The North Galilee Water Scheme includes a 100 km pipeline constructed to transport 12.5 billion litres of water a year from the Suttor river and Burdekin basin. The project would also expand an existing dam from 2.2 billion litres to 10 billion litres.
- The water trigger is a component of the EPBC Act that mandates coalmining and coal seam gas projects that have significant impact on water resources must undergo more rigorous national environmental assessment.

- ACF won its appeal on 12 June 2019, with the Federal Government identifying a potential record-keeping administrative error in relation to consideration of submissions made by the public for environmental assessment of the North Galilee Water Scheme. It has been reported that some public submissions have been lost.
- The Federal Government is reviewing its processes following this decision and will again seek public comment on the North Galilee Water Scheme referral, before proceeding to make a new decision in regard to whether further assessment of this project is required under the EPBC Act.
- Resolution of matter associated with the North Galilee Water Scheme is not required before construction commences of the Carmichael Mine and Rail Project.

Anti-Adani Protests

- On 17 April 2019, Bob Brown Foundation's, *Stop Adani Convoy*, departed Hobart and held rallies at Sydney, Mullumbimby, Brisbane, Rockhampton and Airlie Beach. The convoy, of approximately 400 people, travelled to Clermont for a protest event on 28 April 2019.
- There were several media reports on the rallies, especially when the convoy was at Clermont. On 29 April 2019, the convoy left Clermont to travel to Canberra for the final event on 5 May 2019, *Rally for Climate in Canberra*.

Indigenous Land Use Agreement (ILUA)

- On 16 April 2016, seven of the 12 applicants of the Wangan and Jagalingou people (W&J) Native Title claim signed an ILUA with Adani for the development of the Carmichael Coal Mine project. In December 2017, the ILUA was registered by the Registrar of the National Native Title Tribunal.
- Five of the W & J Native Title claim applicants who had not signed the W & J Adani ILUA commenced proceedings in the Federal Court to challenge several aspects of the ILUA, led by Adrian Burragubba, spokesman for the W & J Traditional Owners Family Council (W&JTOFC).
- On 17 August 2018, the Federal Court dismissed the application and ordered W&JTOFC to pay the sum of \$637,960.32 in legal costs incurred by Adani and Queensland South Native Title Services.

Subsequently, Adani presented a creditors petition to the Federal Court seeking payment by Adrian Burragubba.

- On 25 January 2019, ABC News reported Grata Fund had agreed to pay the \$50,000 surety so W&JTOFC could appeal the court ruling. Grata Fund maintains the appeal will resolve the question of Australian native title law – that the law requires members of a Native Title group, must give their free, prior and informed consent.
- The appeal was heard on 27 and 28 May 2019. The Full Federal Court has reserved its decision and will notify the parties' lawyers when it is ready to deliver judgement.

Environmental investigations:

- On 6 June 2019, DES met with a conservation group who made a report alleging that Adani may have undertaken unauthorised disturbance at the proposed Carmichael Coal Mine site
- As with any allegation, the department will follow established procedures to look into the matter.
- Separately, in September 2018, DES received information that allegedly Adani had constructed dewatering bores and cleared vegetation at the Carmichael Coal Mine without approval.
- On 10 September 2018, DES commenced a formal investigation on the matter. Adani also provided information to DES about inaccuracies in reports it had submitted in relation to the land clearing which will be considered as part of the investigation.

Approvals

- On 23 May 2019, the Coordinator-General convened a meeting between Adani and the independent regulator – so that a clear plan for timeframes for both the company and the Department of Environment and Science to adhere could be established.
- On 11 June 2019, the Australian reported the possibility of legal action from the Environmental Defenders Office Queensland over the Premier's role in the environmental approvals process.
- Adani rescoped its project in September last year, and the Coordinator-General has been working with representatives from Adani, the independent regulator and other state government agencies to determine the timeframes to resolve remaining decisions.

- While Adani can now commence construction, further State and Federal approvals are required before it can begin producing coal.

Remaining Approvals	Agency	Target date
Lease on Moray Downs land for workers camp and airport	DNRME	31 July 2019
License to build and operate rail line (DAS)	Coordinator-General	31 July 2019
Infrastructure & Interface Agreements	DTMR, Isaac RC, Whitsunday RC	30 September 2019
Accreditation as a Rail Infrastructure Manager (RIM) and Rolling Stock Operator (RSO)	Office of the National Rail Safety Regulator (CW)	Stage 1 construction - 31 July 2019 (revised by both parties)
Groundwater Management and Monitoring Plan	DES	Before first extraction of coal
Great Artesian Basin Springs Research Plan	DES	Before first extraction of coal
Rewan Formation Connectivity Research Plan	DES	Before first extraction of coal
Offset Area Management Plan Moray Downs West – Offset	Commonwealth	Before first extraction of coal
Seismic Survey Management Plan	Commonwealth	May be required before seismic survey activities
Subsidence Management Plan	DES	May be required prior to commencing underground mining
Groundwater Model Review	DES	Within 2 years of first extraction of coal

GDMEP

- On 9 April 2019, the Federal Government approved the GDEMP.
- On 13 June 2019, DES approved the GDEMP based on CSIRO and Geoscience Australia advice.
- DES is satisfied that the GDEMP sufficiently establishes the main source aquifer of the springs as the Clematis Sandstone.
- Additional measures in the GDEMP also address concerns raised by Flinders University scientists that the Permian aquifers should not be ruled out as a Doongmabulla Springs Complex source.
- These include installing a new bore below the Rewan Formation, in the vicinity of the Doongmabulla Springs Complex, to assist in

determining if the Permian aquifers (Colinlea) form a source for the springs.

- Adani is also required to review hydrological, hydrochemistry analyses and seismic information as part of its second geological and groundwater remodelling after box cut mining starts, and review seismic information pertaining underground mining impacts (which is scheduled to start in year 10 of the project). Further seismic studies may also need to be undertaken.
- Underground mining will not commence until these actions are completed and only if predicted impacts are consistent with approved impacts. Likewise, if the hydrogeological conceptualisation differs from that of the approved project, approval must be sought prior to relevant impact causing activities.

Railway

- The Coordinator-General acquired most of the land needed for the original rail corridor between the Galilee Basin and Abbot Point in October 2017 – approximately 330 kilometres.
- The remaining 37 kilometres of the rail corridor required for Adani's project goes through the Moray Downs property which is included in the Wangan & Jagalingou Native Title claim area.
- In May 2019, the Coordinator-General applied to Department of Natural Resources, Mines and Energy for a term lease to be granted over the Moray Downs property for rail construction so that native title will not be extinguished.
- Before construction can commence, Adani is required to enter into a construction licence with the Coordinator-General that will set out the terms and conditions of construction and operation of the railway. Adani is also to enter into a connection agreement with Aurizon.
- Adani has indicated that approximately 200 kilometres of the original rail corridor acquired for the project may no longer be required due to the rail project changes.

Change in project's scope

- On 29 November 2018, Adani Group announced it would finance 100 per cent of the coal mine and rail project.

- Late 2018, Adani announced it is intending to scale back the rollout of its Carmichael coal mine project, and to make use of the existing rail infrastructure instead of building a new rail line.
- Details of the project changes are being developed and Adani will need to provide additional information to the Government about this matter.
- Adani advised that the project is expected to deliver approximately 1,500 direct jobs during the initial ramp-up and construction phase. The number of operational jobs has not been confirmed but is estimated between 800 to 1,500 based on open-cut coal mines of a similar size in Queensland.

Transport access agreements

- An Infrastructure Agreement with Adani is being negotiated to manage the impacts of project traffic on state-controlled roads and any land requirements consistent with the outcomes of the CG's evaluation report on the Environmental Impact Statement.
- The Infrastructure Agreement will detail roadworks such as intersection improvements and how Adani will fund any necessary road and grade-separated rail crossing requirements and compensate the State Government of wear-and-tear on public roads, especially during the project construction phase. The Infrastructure Agreement is expected to be finalised by 30 September 2019.
- The State Government is not funding or contributing towards the construction and maintenance of these roadworks including the Elgin–Moray and Moray–Carmichael roads.
- An Interface Agreement which details responsibilities where Adani's new rail line crosses or encroaches upon state-controlled road reserves is also expected to be finalised by 30 September 2019.

Port of Abbot Point and rail corridor

- Adani owns the existing coal terminal at the port and the first stage of the mine can be accommodated without any major expansion.
- In October 2017, the CG acquired most of the land required for a rail corridor. Adani provided a \$45 million cash security for land acquisition costs – resulting in the State Government not incurring any land acquisition costs.

- The CG and Adani entered an early works deed under which a licence has been provided to Adani until 30 April 2020 to enter acquired land to carry out pre-construction investigations.
- The CG has not decided on how to deal with the land acquired for the rail corridor which is no longer required.

Mineral Resources (Galilee Basin) Amendment Bill

- On 31 October 2018, Mr Michael Berkman MP, Member for Maiwar introduced the Mineral Resources (Galilee Basin) Amendment Bill (the Bill) into the Parliament.
- On 18 April 2019, the State Development, Natural Resources and Agricultural Industry Development Parliamentary Committee tabled its report on the Bill and recommended the Bill not be passed. However, the committee recommended the State Government advocate for a consistent national framework for climate change policy and emission targets, as the federal policy instability may hinder Queensland's adoption of future climate change actions and pathways.
- The second reading of the Bill will not be moved before 22 July 2019, in accordance with Standing Order 136(8).

Plan of Operations and Financial Assurance

- As at 22 May 2019, the amount of financial assurance (FA) held by the State Government in a DES bank account is \$15,824,063.

Queensland Government response

- The Government supports the Adani project, provided it stacks up commercially, social and environmentally.
- The Government will work to ensure Adani meets its commitments and environmental requirements.
- Adani has all of its major approvals in place for construction to commence.
- The Coordinator-General will continue to work closely with Adani to progress the project.
- It is now up to Adani to progress the project, start construction and deliver the jobs they have promised to regional communities. Adani promised Queenslanders they could start the day after receiving final approvals to start construction of the mine and it is now a matter for the company to deliver on their promises.

Mark Cridland

From: Elizabeth Fellows
Sent: Wednesday, 22 May 2019 1:55 PM
To: Estelle Roux; Justin Carpenter
Cc: Mark Cridland
Subject: FW: [TRANSCRIPT] Premier's presser at Hay Point re Adani
Attachments: [Transcript] - Presser - Premier Palaszczuk and Julieanne Gilbert re Adani - Wed, 22 May 2019.docx

Dr Elizabeth Fellows

Director | Environment Policy | DPC
P 07 3003 9489 | M [REDACTED]

From: Media Reporters <mediareporters@premiers.qld.gov.au>
Sent: Wednesday, 22 May 2019 1:53 PM
To: Zoe Russell (Ministerial) <Zoe.Russell@ministerial.qld.gov.au>; Elizabeth Fellows <elizabeth.fellows@premiers.qld.gov.au>
Cc: Media Reporters <mediareporters@premiers.qld.gov.au>
Subject: [TRANSCRIPT] Premier's presser at Hay Point re Adani

Good afternoon all.

Please find attached a transcript of the Premier and Assistant State Development Minister's presser on the Adani mine approval timeline at Hay Point today.

Kind regards,
Gary

Please note: Links to all broadcast clips (video and audio) will expire 10 days from the date of airing. Due to copyright restrictions, video and audio clips are for internal use only.



Queensland
Government

Gary Robertson

Media Reporting Officer, External Relations and Services
Strategy and Engagement
Department of the Premier and Cabinet

P 07 3003 9151 M [REDACTED]
1 William Street, Level 29, Brisbane QLD 4000
PO Box 15185, City East, QLD 4002

Mark Cridland

From: MERRICK Jamie <Jamie.Merrick@des.qld.gov.au>
Sent: Thursday, 13 June 2019 1:40 PM
To: Rachel Hunter
Cc: Mark Cridland
Subject: Management Plan approval
Attachments: 130619 - MR - GDEMP approved FINAL.docx; GDEMP_Approval_13-06-2019.pdf

Dear Rachel

For information.

Jamie



Queensland
Government

Jamie Merrick
Director-General
Department of Environment and Science

E jamie.merrick@des.qld.gov.au
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Level 32, 1 William Street, Brisbane Qld 4000
GPO Box 2454, Brisbane Qld 4001

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Mark Cridland

From: MERRICK Jamie <Jamie.Merrick@des.qld.gov.au>
Sent: Friday, 7 June 2019 9:39 PM
To: Mark Cridland; Justin Carpenter
Subject: Fwd: DES GDEMP (CSIRO/GA advice) Feedback 7 June 2019
Attachments: CSIRO-Geoscience Australia QDES AdviceJun2019(Secured).pdf; ATT00001.htm; DES GDEMP_CSIRO_GA Feedback 7 June 2019.pdf; ATT00002.htm; Letter_DES GDEMP (CSIRO_GA) Feedback 7 June 2019.pdf; ATT00003.htm

FYI - DES received CSIRO advice at 5pm this evening and has now set out final GDEMP requirements to Adani in accordance with the timeframe set out by the CG.

DG DPC has been notified.

Jamie

Sent from my iPhone

Begin forwarded message:

From: "WELLS Melissa" <Melissa.Wells@des.qld.gov.au<mailto:Melissa.Wells@des.qld.gov.au>>
To: [REDACTED]@adani.com<mailto:[REDACTED]@adani.com>>
Cc: "MERRICK Jamie" <Jamie.Merrick@des.qld.gov.au<mailto:Jamie.Merrick@des.qld.gov.au>>, "ELLWOOD Dean" <Dean.Ellwood@des.qld.gov.au<mailto:Dean.Ellwood@des.qld.gov.au>>, [REDACTED] <[REDACTED]@adani.com.au<mailto:[REDACTED]@adani.com.au>>, [REDACTED] <[REDACTED]@adani.com.au<mailto:[REDACTED]@adani.com.au>>, "MCCOSKER Juliana" <Juliana.Mccosker@des.qld.gov.au<mailto:Juliana.Mccosker@des.qld.gov.au>>
Subject: DES GDEMP (CSIRO/GA advice) Feedback 7 June 2019

Good evening [REDACTED],

Please see attached correspondence.

Kind regards,
Melissa.

[cid:image002.png@01D51D76.3C4EC7C0]

Melissa Wells
Executive Director
Coal and Central Qld Compliance
Department of Environment and Science

P 07 4987 9343

99 Hospital Road, Emerald QLD 4720
PO Box 3028, Emerald QLD 4720

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Released under RTI - DPC

Draft media release

Deadline:		Briefing officer: Juliana McCosker
Media Services contact: Kieran Lewis		Phone: 4987 9356
Phone: 3339 5887 /		DDG:
Approved: ED Melissa Wells		Phone:
Geographical area/s of interest:		

GDEMP approved

The Department of Environment and Science (DES) approved Adani's Groundwater Dependent Ecosystem Management Plan (GDEMP) today.

Adani submitted its most recent version of the plan, addressing the department's feedback, yesterday.

The GDEMP's assessment has been rigorous and based on the best available science. DES and Adani have met regularly to ensure the plan is robust and provides the maximum environmental protection.

In assessing the plan, both Adani and DES took on board advice from CSIRO and Geoscience Australia – the same advice considered by the Commonwealth Government in approving an earlier version of the GDEMP in April this year.

DES sought further clarification and advice from CSIRO and Geoscience Australia, which it received on 7 June 2019.

Based on this advice, DES is satisfied that the GDEMP sufficiently establishes the main source aquifer of the springs as the Clematis Sandstone.

CSIRO and Geoscience Australia also confirmed that some level of uncertainty in geological and groundwater conceptual models always exists.

DES has required additional commitments from Adani to undertake further scientific work over the next two years. This is required to identify any potential contribution from other aquifers and strengthen the GDEMP.

Additional commitments in the approved GDEMP include:

- Further work to improve the understanding of the source aquifers of springs in the locality, particularly the Doongmabulla Springs Complex, including:
 - Undertaking detailed hydrogeochemical analysis of groundwater and spring samples from different springs within each spring complex
 - Undertaking isotopic analysis (including noble, radioactive gases and strontium isotopes where isotopic analysis is not sufficient)
 - Examining core samples from new bores to attain a better understanding of hydraulic properties and provide detailed geological mapping

- Incorporating air-borne electro-magnetic modelling undertaken by Geoscience Australia to improve hydrogeological understanding of the area.
- Using a bore in the Dunda Beds (also known as the Rewan Formation) as an early warning trigger for groundwater drawdown monitoring in the Carmichael River.

Additional measures in the GDEMP also address concerns raised last week by Flinders University scientists that the Permian aquifers should not be ruled out as a Doongmabulla Springs Complex source.

These include installing a new bore below the Rewan Formation, in the vicinity of the Doongmabulla Springs Complex, to assist in determining if the Permian aquifers (Colinlea) form a source for the springs.

Adani is also required to review hydrological, hydrochemistry analyses and seismic information as part of its second geological and groundwater remodelling after box cut mining starts, and review seismic information pertaining underground mining impacts (which is scheduled to start in year 10 of the project). Further seismic studies may also need to be undertaken.

Underground mining will not commence until these actions are completed and only if predicted impacts are consistent with approved impacts. Likewise, if the hydrogeological conceptualisation differs from that of the approved project, approval must be sought prior to relevant impact causing activities.

The GDEMP is the second of the two environmental management plans (the other being the Black-Throated Finch Management Plan, approved on 31 May) that needed to be approved before Adani could begin significant mining activities at its Carmichael mine site.

Both plans are a requirement of Adani's EA.

For details of what constitutes "significant mining activities", refer to Appendix 1 – Definitions of the EA for the Carmichael mine, available at <https://apps.des.qld.gov.au/env-authorities/pdf/epml01470513.pdf>.

ENDS

ATTACHMENT A – DES comments on GDEMPv11b 7 June 2019 (to be read in conjunction with the CSIRO/GA advice dated 7 June 2019).

The plan must include detailed baseline research to establish the source aquifer(s) for groundwater supply to the GDE

Requirements prior to model re-run:

1. Adani must make a commitment to undertake and complete the following additional work progressively to improve the understanding of the spring source aquifers prior to the 2 year model re-run.
 - Hydrogeochemical analysis of samples from different springs groups within each spring complex to provide better understanding and discern the source aquifers of the Doongmabulla Springs Complex. Bulk hydrochemistry must be completed within 3 months of approval and tracer analyses within 12 months. Hydrogeochemical analyses must include but not limited to:
 - a. noble gases - e.g. helium to identify any deeper groundwater contributes to the springs (id of source aquifers);
 - b. radioactive noble gases to identify source aquifer of recent (decades) to intermediate (centuries) and
 - c. strontium isotopes – to identify the source rock of a particular groundwater system.
 - Incorporation of the use of isotope and ageing tracers in the above hydrogeochemical analysis;
 - A comprehensive review of groundwater level and quality data from relevant aquifers including data from new proposed nested bores in the vicinity of Doongmabulla Springs Complex;
 - Undertake hydrochemistry interpretation from surface and spring samples to provide more detailed hydrogeology system understanding;
 - Detailed geological mapping including cores from bores drilled in the vicinity of Doongmabulla Springs Complex and facies modelling to better inform hydraulic connectivity within and across all aquifers;
 - At new monitoring locations, use the opportunity to acquire drill cores to better understand the intact hydrostratigraphy being drilled through to inform the conceptual model. Conduct test on core samples to assess and quantify hydraulic properties being implemented in the numerical model. Completion of core analysis within 2 years.
 - Incorporation of the airborne electro-magnetic (AEM) modelling recently completed by Geoscience Australia (and available to Adani by June 2020). Adani must undertake specific interpretation and analysis of AEM data. The analysis should be conducted with consideration of relevant site-specific data and alternative conceptualisations to be tested to ensure the interpretation derives appropriate conclusions regarding hydrogeology at the scale of investigation of interest to Adani. Adani's AEM investigation should articulate how the objectives of the AEM data analysis will seek to improve hydrogeological knowledge to ensure the interpretation yields desired outcomes;
 - Revision of the conceptual understanding of the source aquifer(s) for Doongmabulla Springs Complex and the groundwater system based on information collected from the above for incorporation into the groundwater model review (re-run);

- Undertake measures identified by the Queensland Herbarium in the Lake Eyre Basin Springs Assessment project for the Doongmabulla Springs Complex including seismic surveys within 12 months;
 - Optimise the spatial distribution of monitoring bores, including nested or co-located bores intersecting different aquifer units, to enable improved future analysis of water level and hydrochemistry data.
2. To address the level of uncertainty of the source aquifer(s) for all the Groundwater Dependent Ecosystems and to provide transparency and a better appreciation of the limitations and opportunities for further data collection or modelling, the department recommends that Adani make the following commitments:
- a. Adani make a commitment to systematically address all the sources of uncertainty and other modelling limitations identified by the CSIRO/GA reviews when the groundwater model is re-run and reviewed as required by EA condition E6 (to be conducted within 2 years of commencement of any mining activities associated with the box cut excavation).
 - b. For the model re-run, Adani make a commitment to sample the entire plausible parameter space and make predictions probabilistically by spreading attention across refining distributions of the most sensitive model parameters and efficient stochastic modelling (Turnadge et al. 2018).
 - c. For the model re-run, Adani make a commitment to define scale dependent parameters such as hydraulic conductivity at the appropriate spatial scale i.e. commensurate with the size of the numerical grid cell of the groundwater model.
 - d. For the model re-run, Adani make a commitment to run a sufficient range of plausible scenarios that encompass the range of identified uncertainties.
 - e. Adani make a commitment to undertake and include an uncertainty estimation in accordance with the Australian Groundwater Guidelines based on the 2 year re-run.

The plan must include detailed baseline research to establish GDE ecosystem pressure response to groundwater level/pressure fluctuation

The plan must include a description of the potential impact on each GDE from each project stage including impacts from subsidence, mine dewatering of aquifers, water discharge, hydrological changes and weed and pest infestation

Requirements:

Groundwater drawdown triggers must be set for all monitoring locations for which water level thresholds are defined and use a timeframe that is comparable with routine monitoring data assessment and agreed groundwater model review periods.

The bore locations must consider the localised changes that may impact on groundwater dependent ecosystems and changes to groundwater conditions following planned longwall panel excavation beneath of two of the 3 interim drawdown rate trigger bores.

A commitment to install new groundwater drawdown trigger threshold bore to replace those lost to mining/underground mining must be made.

To ensure the effective management of these unique ecosystems the GMMP and the GDEMP must be consistent and 'talk to each other'.

- Address all inconsistent descriptions and reporting of groundwater drawdown trigger thresholds between the GDEMP and GMMP as detailed in section 4 of the CSIRO/GA advice 7 June 2019.
- Address inconsistencies in the level of commitment for corrective actions for each GDE that are applied when groundwater drawdown trigger levels are exceeded as detailed in section 5 of the CSIRO/GA advice 7 June 2019.
- Address inconsistencies between the GDEMP and GMMP with regard to adaptive management measures and commitments as detailed in section 5 of the CSIRO/GA advice 7 June 2019.

Released under RTI - DRG



Department of
Environment and Science

Our Ref: GDEMP_CSIRO/GA

7 June 2019

[REDACTED]
Head of Environment and Sustainability
Adani Mining Pty Ltd
Level 25, 10 Eagle Street
Brisbane QLD 4000

By email: [REDACTED]@adani.com.au

Dear [REDACTED]

The Department of Environment and Science (the department) has now received the clarification and advice sought from the Commonwealth Scientific and Industrial Research Organisation (CSIRO) and Geoscience Australia (GA) in relation to Adani's Groundwater Dependent Ecosystem Management Plan (GDEMP).

The department has now considered this advice and requires the matters set out in Attachment A to be addressed to progress the finalisation of the GDEMP.

It is the department's view that the advice from CSIRO/GA reinforces advice provided by the department to date and is not inconsistent with discussions held previously between the department and Adani.

Accordingly, this advice should be read and addressed in conjunction with the preliminary GDEMPv11b comments provided on the 31 May 2019 and discussed at our meeting on the 6 June 2019.

To provide further background and context a copy of the CSIRO/GA advice is enclosed.

Should you require any further information, please contact Juliana McCosker, Manager of Business Centre (Coal) of the department on telephone (07) 4987 9356 or by email at juliana.mccosker@des.qld.gov.au.

Yours sincerely

Melissa Wells
Executive Director
Coal and Central Queensland Compliance
Environmental Services and Regulation

Business Centre Coal
PO Box 3028, Emerald
Queensland 4720 Australia
Telephone +61 7 4987 9320
Website www.des.qld.gov.au
ABN 46 640 294 485

Enc:

Attachment A – Departmental comments on the GDEMP v11b (dated 7 June 2019); and Attachment B – Carmichael Coal Mine, Advice on Groundwater Dependent Ecosystem Management Plan v11b to the Queensland Department of Environment and Science (June 2019).

Released under RTI - DIS

Mark Cridland

From: Julia Sheedy
Sent: Monday, 20 May 2019 3:18 PM
To: Mark Cridland
Subject: FW: FYI ONLY - MEDIA ENQUIRY: Media Statement from Adani Mining - under embargo til 1pm today
Attachments: 190520 MS Time to deliver the Carmichael Project_FINAL.pdf
Importance: High

From: Glenys Jenkin <Glenys.Jenkin@premiers.qld.gov.au>
Sent: Monday, 20 May 2019 2:20 PM
To: Julia Sheedy <julia.sheedy@premiers.qld.gov.au>; Leonie McGorry <Leonie.McGorry@premiers.qld.gov.au>
Subject: FYI ONLY - MEDIA ENQUIRY: Media Statement from Adani Mining - under embargo til 1pm today
Importance: High

Hi Julia

FYI – ECU has forwarded the below email direct to Premier’s media.

Provided for your info.

Kind regards
Glenys



Queensland
Government

Glenys Jenkin

Manager, Departmental and Customer Liaison Office
Office of the Director-General
Department of the Premier and Cabinet

P 07 3003 9461 M [REDACTED]
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PO Box 15185, City East, QLD 4002



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From: The Premier <The.Premier@premiers.qld.gov.au>
Sent: Monday, 20 May 2019 2:14 PM
To: 'premiers.media@ministerial.qld.gov.au' <premiers.media@ministerial.qld.gov.au>; The Premier (Ministerial) [REDACTED]
Cc: DCLO Admin <dcloadmin@premiers.qld.gov.au>; Tim Linley <Tim.Linley@ministerial.qld.gov.au>
Subject: MEDIA ENQUIRY: Media Statement from Adani Mining - under embargo til 1pm today
Importance: High

Good afternoon

Please see below media enquiry from the Bulletin for your attention.

Kind regards

Sarah



Queensland
Government

Sarah Lakes

Manager, Executive Correspondence Unit
Corporate Services
Department of the Premier and Cabinet

E sarah.lakes@premiers.qld.gov.au P 07 3003 9259 M [REDACTED]
Level 29, 1 William Street, Brisbane, QLD 4000
PO Box 15185, City East, QLD 4002

From: Frazer Pearce <[REDACTED].com.au>

Sent: Monday, 20 May 2019 2:09 PM

To: The Premier <The.Premier@premiers.qld.gov.au>; deputy.premier@ministerial.qld.gov.au

Subject: FW: Media Statement from Adani Mining - under embargo til 1pm today

Hi, please see attached statement from Adani regarding weekend election results and Carmichael Mine project. Would either the Premier or Deputy Premier like to respond to these comments particular the lines about listening to voters

"If the Queensland Labor Premier and Deputy Premier take nothing else from this weekend, let's hope they realise it is time to start listening to the people of Queensland.

"Even after the weekend's election, where Queenslanders had their say, the Premier and Deputy Premier still have a tin ear to their own voters. They refuse to hear the concerns of people wanting them to back the Queensland mining industry, back regional communities, and stop shifting the goal posts."

Deadline is 5pm today.

Thanks,

FRAZER PEARCE

Editor

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MEDIA STATEMENT

Under embargo until 1.00pm, 20 May 2019

Thank you Queensland. Let's get the Carmichael Project done.

The following statement can be attributed to the CEO of Adani Mining, Lucas Dow:

"We have been overwhelmed by the wave of support from Queenslanders over the past month. We are incredibly grateful.

"For the past year we have spent time speaking with locals in Clermont, Moranbah, Charter Towers, the Central Highlands, Mackay, the Whitsundays, Bowen, Rockhampton, Emerald, Yeppoon, Gladstone and of course Townsville discussing our Carmichael Project, to separate the facts and the fiction.

"Queenslanders are proud of their coal mining industry. They know it is an economic powerhouse that creates jobs and sustains their regions, and also provides billions of dollars each year for the benefit of the nation.

"Queenslanders are sick of people telling them that they should be embarrassed and ashamed of what they do, when they should be heralded for working to the highest environmental standards and bringing prosperity to the nation.

"People right across regional Queensland told us they were outraged to hear the Deputy Premier telling an entire industry and our biggest exporter to reskill and get new jobs.

"If the Queensland Labor Premier and Deputy Premier take nothing else from this weekend, let's hope they realise it is time to start listening to the people of Queensland.

"Even after the weekend's election, where Queenslanders had their say, the Premier and Deputy Premier still have a tin ear to their own voters. They refuse to hear the concerns of people wanting them to back the Queensland mining industry, back regional communities, and stop shifting the goal posts.

"When there is an opportunity like the Carmichael Project ready to deliver thousands of jobs tomorrow in a manner that is both commercially and environmentally responsible, people cannot fathom why the Queensland Labor Government would want to hold that up.

"They do not understand the Queensland Labor Government's continued efforts to tarnish the work of Adani Mining, which has been held to the highest level of scrutiny over the past

eight years of planning and demonstrated its capability to operate as one of Australia's leading mining companies.

"The people of regional Queensland despair at the Queensland Labor Government's continued efforts to delay and undermine the delivery of the Carmichael Project, despite waving through approvals on other projects without the same level of scrutiny.

"While there are many reasons people vote the way they do, we know from our own conversations, the grassroots regional rallies, the open letters to politicians, the editorials from local publicans, and the plight of small business owners, people see through the political rhetoric and tactics.

"As evidenced by this weekend's election results, Queenslanders have no tolerance for political actions that are unjust and put people's livelihoods at risk.

"Queensland's coal miners are the best in the world at what they do, working to the highest environmental standards, and as people who live off the land, understanding better than anyone the importance of achieving both sustainable environmental and economic outcomes.

"No matter where we are speaking to people in Queensland, the consistent concern is for the future of their jobs, the mining industry and what that will mean for their families.

"It's time for the Queensland Labor Government to stop shifting the goal posts and let us get on with delivering these jobs for regional Queenslanders.

"It is time to get the Carmichael Project done."

ENDS

Released under FOI

Mark Cridland

From: Nathan Dummer
Sent: Friday, 24 May 2019 8:18 AM
To: Mark Cridland
Cc: Sharlene Larsen
Subject: For approval today - topics for the May edition of 'From the ADGs Desk'

Hi Mark,

For approval Policy Division story ideas for the May edition of the 'From the ADG's Desk.' Two stage process: you approve topics now and the Communication team in Strategy and Engagement work with our Officer/s to write up the story; once complete you will see the final version for approval.

Social has suggested a write up on the **Indigenous Research Seminar and other Reconciliation Week activities.**

Environment has suggested a write up on the **recent work on Adani.**

Nil from Economic this month (we had a budget story in the April edition).

Note the April edition of the 'From the ADG's Desk' is still to be released.

Nathan

From: Rebecca Morris <rebecca.m.morris@premiers.qld.gov.au>
Sent: Monday, 20 May 2019 12:00 PM
To: Judi Carter <judi.carter@premiers.qld.gov.au>; Chris Chinn <Chris.Chinn@premiers.qld.gov.au>; Shelley Francis <Shelley.Francis@premiers.qld.gov.au>; Loan Phan <loan.phan@premiers.qld.gov.au>; Nathan Dummer <Nathan.Dummer@premiers.qld.gov.au>; Lauren Pearce <Lauren.Pearce@premiers.qld.gov.au>; Steven Moskwa <steven.moskwa@oqpc.qld.gov.au>
Cc: Adrienne Lohe <adrienne.lohe@premiers.qld.gov.au>
Subject: Call for story ideas: May edition of 'From the ADGs Desk'

Hi everyone

The April edition of 'From the A/DGs Desk' is still with the DG's Office for approval, but I have been asked to start on the May edition.

Could each area please send me your story ideas by COB on Friday 24 May? It would be great to get 1-2 stories from each area.

If you have any questions, please let me know.

Thanks,
Bec

Rebecca Morris

Senior Internal Communications Officer
Communication and Marketing Strategy
Strategy and Engagement
Department of the Premier and Cabinet

P 07 3003 9144 M [REDACTED]
Desk 29.105, Level 29, 1 William Street, Brisbane QLD 4000
PO Box 15185, City East, QLD 4002

Mark Cridland

From: Justin Carpenter
Sent: Friday, 24 May 2019 10:34 AM
To: Mark Cridland
Subject: Premier announces deadlines

<https://www.sbs.com.au/news/three-week-deadline-set-to-resolve-controversial-adani-mine-approvals>

didn't print this



**Queensland
Government**

Justin Carpenter

Acting Executive Director
Environment Policy
Department of the Premier and Cabinet

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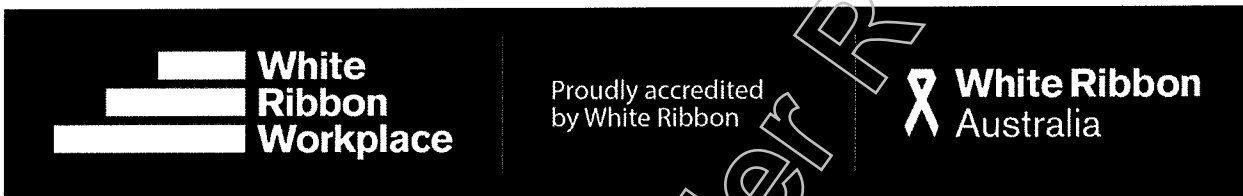
Mark Cridland

From: Ross Buchanan
Sent: Monday, 27 May 2019 11:07 AM
To: Estelle Roux
Cc: Justin Carpenter; Mark Cridland; Emily Hayward; Kaitlyn Stutz; Elizabeth Fellows
Subject: RE: Mining jobs

Many thanks Estelle and message conveyed to Paul in Japan.
Regards
Ross



Ross Buchanan
Executive Director
Economic Policy, Policy Division
Department of the Premier and Cabinet
P 07 3003 9337 M [REDACTED]
Level 30, 1 William Street, Brisbane QLD 4000
PO Box 15185, City East, QLD 4002



From: Estelle Roux <estelle.roux@premiers.qld.gov.au>
Sent: Monday, 27 May 2019 10:48 AM
To: Ross Buchanan <ross.buchanan@premiers.qld.gov.au>
Cc: Justin Carpenter <justin.carpenter@premiers.qld.gov.au>; Mark Cridland <mark.cridland@premiers.qld.gov.au>; Emily Hayward <emily.hayward@premiers.qld.gov.au>; Kaitlyn Stutz <kaitlyn.stutz@premiers.qld.gov.au>; Elizabeth Fellows <elizabeth.fellows@premiers.qld.gov.au>
Subject: RE: Mining jobs

Hi Ross,

The figure from the media statement is the most up to date – the figure is based on recent mining announcements.

The Palaszczuk Government processed \$20 billion worth of mining projects (inclusive of coal mining) providing 7500 mining jobs.

<http://statements.qld.gov.au/Statement/2019/5/22/coordinatorgeneral-to-set-adani-timeline>

Cheers

Estelle



Estelle Roux
Senior Policy Officer
Environment Policy
Department of the Premier and Cabinet
P 07 3003 9357 M [REDACTED]
Level 30, 1 William Street, Brisbane QLD 4000
PO Box 15185, City East, QLD 4002

From: Estelle Roux

Sent: Monday, 27 May 2019 9:23 AM

To: Emily Hayward <emily.hayward@premiers.qld.gov.au>; Ross Buchanan <ross.buchanan@premiers.qld.gov.au>; Kaitlyn Stutz <kaitlyn.stutz@premiers.qld.gov.au>

Cc: Justin Carpenter <justin.carpenter@premiers.qld.gov.au>; Mark Cridland <mark.cridland@premiers.qld.gov.au>

Subject: RE: Mining jobs

Thanks Emily.

Media statement from 22 May refers to **7,500 jobs created in the mining sector**. Would you mind asking Treasury where this figure comes from, so we can get the coal mining jobs figure from the same source.

<http://statements.qld.gov.au/Statement/2019/5/22/coordinatorgeneral-to-set-adani-timeline>

Thanks again.

Estelle



Estelle Roux

Senior Policy Officer

Environment Policy

Department of the Premier and Cabinet

P 07 3003 9357 M [REDACTED]

Level 30, 1 William Street, Brisbane QLD 4000

PO Box 15185, City East, QLD 4002

From: Emily Hayward <emily.hayward@premiers.qld.gov.au>

Sent: Monday, 27 May 2019 9:18 AM

To: Ross Buchanan <ross.buchanan@premiers.qld.gov.au>; Kaitlyn Stutz <kaitlyn.stutz@premiers.qld.gov.au>; Estelle Roux <estelle.roux@premiers.qld.gov.au>

Cc: Justin Carpenter <justin.carpenter@premiers.qld.gov.au>; Mark Cridland <mark.cridland@premiers.qld.gov.au>

Subject: RE: Mining jobs

Treasury said that can get these figures. Will send though the request now.

Thanks,

Emily



Emily Hayward

Policy Officer

Economic Policy

Department of the Premier and Cabinet

P 07 3003 9488 M [REDACTED]

Level 30, 1 William Street, Brisbane QLD 4000

PO Box 15185, City East, QLD 4002

From: Ross Buchanan <ross.buchanan@premiers.qld.gov.au>

Sent: Monday, 27 May 2019 9:08 AM

To: Emily Hayward <emily.hayward@premiers.qld.gov.au>; Kaitlyn Stutz <kaitlyn.stutz@premiers.qld.gov.au>; Estelle Roux <estelle.roux@premiers.qld.gov.au>

Cc: Justin Carpenter <justin.carpenter@premiers.qld.gov.au>; Mark Cridland <mark.cridland@premiers.qld.gov.au>

Subject: FW: Mining jobs

Please try to source this number asap – Justin may know or have figures – will need DES and Treasury.

Regards



Ross Buchanan
Executive Director
Economic Policy, Policy Division
Department of the Premier and Cabinet
P 07 3003 9337 M [REDACTED]
Level 30, 1 William Street, Brisbane QLD 4000
PO Box 15185, City East, QLD 4002



From: Paul Martyn <Paul.Martyn@tiq.qld.gov.au>
Sent: Monday, 27 May 2019 9:03 AM
To: Ross Buchanan <ross.buchanan@premiers.qld.gov.au>
Subject: Mining jobs

Ross

Are you able to source a figure for how many coal mining jobs have been created under the govt

A few different figures 7000, 7500, 8000

Is it possible to also to get this for broader mining jobs?

Is it possible to get this by midday

Sorry about the shortness of notice

Paul

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Media release

Premier and Minister for Trade
The Honourable Anastacia Palaszczuk

Coordinator-General to set Adani timeline

Premier Anastacia Palaszczuk has instructed the Coordinator-General to set a timetable for the resolution of two outstanding approvals for Adani's proposed Carmichael mine.

While Adani has faced an approvals process just like any other resources project in Queensland free of political interference, it has become clear the process is taking too long.

"The community is sick of it, I'm sick of it, everyone is sick of the delays," the Premier said.

"Everyone has had more than enough time to resolve these issues and for some reason that has not occurred.

"That all ends now."

The Premier has instructed the Coordinator-General to:

- Take a stronger oversight role across the Adani approvals process timeline;
- Report back to her by the end of the week setting out a clear plan for timeframes for both the company and the regulator to adhere to; and
- Seek to ensure neither party is responsible for unnecessary delays in the approvals process.

Once the Coordinator-General has established a timeframe it will be released to the public.

The Premier said the Coordinator-General's role is not to interfere in the independence of the approvals process but to ensure all parties know where they stand and adhere to their responsibilities.

The Coordinator-General does have a range of strong powers including prescribed project powers. These allow the Coordinator-General to step in on any approval processes to ensure timely decision making and certainty.

"I've asked the Coordinator-General to convene a meeting between Adani and the independent regulator tomorrow and to report back to me by Friday with a timeframe which I will release to the public," the Premier said.

"What this does is to hold Adani and the independent regulator to account and to give everyone clarity around who needs to do what and by when.

"Since I became Premier, we have processed \$20 billion worth of mining projects providing 7,500 jobs.

"We want job-creating projects in Queensland but they need to stack up."

Since its election the Palaszczuk government has supported the creation of 199,000 jobs.

"I said we are about jobs, jobs, jobs and the numbers don't lie," she said.

"But we can never rest.

"Saturday's election result only added to the message we were already hearing from our local members and community leaders that jobs are the number one priority for Queenslanders."

ENDS

Media Contact: Shane Doherty

Released under RTI - DPC

Adani – Carmichael Coal Mine and Port Operations

Key Facts

- Since early 2015, 51 project approvals have been granted by all levels of government and 60 key approval milestones reached. February 2016, an environmental authority was granted.
- On 29 November 2018, Adani Group announced it would finance 100 per cent of the coal mine and rail project.
- ~~On 24 May 2019, the Coordinator General convened a meeting between Adani and the independent regulator to set a clear plan for timeframes.~~
- On 28 May 2019, the Department of Environment and Science approved Adani's Black-throated Finch Management Plan.
- On 13 June 2019, the Department of Environment and Science approved Adani's Groundwater Dependent Ecosystem Plan.
- Adani has all of its major approvals in place for the project to proceed, and can now commence construction.
- The project is still required to meet further State and Federal Government conditions of approval before it can begin producing coal.
- Adani rescoped its project in September last year, and the Coordinator-General has been working with representatives from Adani, the regulator and other state government agencies to determine the timeframes to resolve remaining decisions.
- ~~The State Government will continue to work with Adani to finalise approvals in a timely and coordinated manner.~~

Key Issues

Australian Conservation Foundation – federal water trigger legal challenge

- In 2018, the Australian Conservation Foundation (ACF) lodged an appeal of the Federal Minister for the Environment decision that Adani's North Galilee Water Scheme (NGWS) project did not require approval under the Environment Protection and Biodiversity Conservation Act 1999 (Cth) (EPBC Act) water trigger.
- The North Galilee Water Scheme includes a 100 km pipeline constructed to transport 12.5 billion litres of water a year from the

Suttor river and Burdekin basin. The project would also expand an existing dam from 2.2 billion litres to 10 billion litres.

- The water trigger is a component of the EPBC Act that mandates coalmining and coal seam gas projects that have significant impact on water resources must undergo more rigorous national environmental assessment.
- The case was listed for hearing on 18 June 2019.
- ACF won its appeal on 12 June 2019, with the Federal Government identifying a potential record-keeping administrative error in relation to consideration of submissions made by the public for environmental assessment of the North Galilee Water Scheme. It has been reported that some public submissions have been lost.
- The Federal Government is reviewing its processes following this decision and will again seek public comment on the North Galilee Water Scheme referral, before proceeding to make a new decision in regard to whether further assessment of this project is required under the EPBC Act.
- Resolution of matter associated with the North Galilee Water Scheme is not required before construction commences of the Carmichael Mine and Rail Project.

Anti-Adani Protests

- On 17 April 2019, Bob Brown Foundation's, *Stop Adani Convoy*, departed Hobart and held rallies at Sydney, Mullumbimby, Brisbane, Rockhampton and Airlie Beach. The convoy, of approximately 400 people, travelled to Clermont for a protest event on 28 April 2019.
- There were several media reports on the rallies, especially when the convoy was at Clermont. On 29 April 2019, the convoy left Clermont to travel to Canberra for the final event on 5 May 2019, *Rally for Climate in Canberra*.

Indigenous Land Use Agreement (ILUA)

- On 16 April 2016, seven of the 12 applicants of the Wangan and Jagalingou people (W&J) Native Title claim signed an ILUA with Adani for the development of the Carmichael Coal Mine project. In December 2017, the ILUA was registered by the Registrar of the National Native Title Tribunal.

- Five of the W & J Native Title claim applicants who had not signed the W & J Adani ILUA commenced proceedings in the Federal Court to challenge several aspects of the ILUA, led by Adrian Burragubba, spokesman for the W & J Traditional Owners Family Council (W&JTOFC).
- On 17 August 2018, the Federal Court dismissed the application and ordered W&JTOFC to pay the sum of \$637,960.32 in legal costs incurred by Adani and Queensland South Native Title Services. Subsequently, Adani presented a creditors petition to the Federal Court seeking payment by Adrian Burragubba.
- On 25 January 2019, ABC News reported Grata Fund had agreed to pay the \$50,000 surety so W&JTOFC could appeal the court ruling. Grata Fund maintains the appeal will resolve the question of Australian native title law – that the law requires members of a Native Title group, must give their free, prior and informed consent.
- The appeal was heard on 27 and 28 May 2019. The Full Federal Court has reserved its decision and will notify the parties' lawyers when it is ready to deliver judgement.

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Environmental investigations:

- On 3 June 2019, DES received an initial report from the Environmental Defenders Office Queensland (EDO), alleging that EDO had obtained evidence showing that Adani may have undertaken unauthorised disturbance at the proposed Carmichael Coal Mine site.
- On 6 June 2019, representatives from DES met with EDO a conservation group who made a report alleging that Adani may have undertaken unauthorised disturbance at the proposed Carmichael Coal Mine site
- to obtain the evidence. As with any allegation, the department will follow established procedures to look into the matter. DES will review the material provided to determine the next steps in the matter.
- Separately, in September 2018, DES received information that allegedly Adani had constructed dewatering bores and cleared vegetation at the Carmichael Coal Mine without approval.
- On 10 September 2018, DES commenced a formal investigation on the matter. Adani also provided information to DES about inaccuracies

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in reports it had submitted in relation to the land clearing which will be considered as part of the investigation.

2017 Discharge for Abbot Point Coal Terminal

- In March 2017, APBC reported a discharge from Abbot Point Coal Terminal during Tropical Cyclone (TC) Debbie, which exceeded its temporary emissions licence – with no known environmental impacts due to the discharge. In July 2017, DES issued a penalty infringement notice totalling \$12,190 to APBC, which APBC elected to contest.
- Subsequently, DES conducted a formal investigation and in September 2018, commenced prosecution proceedings against APBC. The matter was listed for a hearing in July 2019, however on 13 May 2019, APBC made an application to DES for an enforceable undertaking under the *Environmental Protection Act 1994* (the EP Act) that was accepted on 16 May 2019.
- The EP Act requires proceedings in relation to the original alleged offence be discontinued following acceptance of the enforceable undertaking. APBC will invest \$100,000 in monitoring equipment to record any stormwater discharges to the marine environment from the Abbot Point Coal Terminal.
- APBC is also commissioning several improvements to the site's water management infrastructure to mitigate and manage water from high intensity and sustained rainfall events. The total cost of these additional works is reportedly in the order of \$15 million. These additional works are being undertaken at the direction of the company, without any formal requirement issued by DES.

Caley Wetlands

- DES investigated potential releases of coal fines from an authorised discharge location into the Caley Valley Wetlands also as a result of TC Debbie in March 2017.
- DES issued an environmental evaluation notice. However, following legal proceedings in September 2018, in which the Planning and Environment Court set aside the environmental evaluation notice, DES commenced its own monitoring of the wetlands.

Approvals

- On 23 May 2019, the Coordinator-General convened a meeting between Adani and the independent regulator – so that a clear plan for

timeframes for both the company and the Department of Environment and Science to adhere could be established.

- On 11 June 2019, the Australian reported the possibility of legal action from the Environmental Defenders Office Queensland over the Premier's role in the environmental approvals process.
- Adani rescoped its project in September last year, and the Coordinator-General has been working with representatives from Adani, the independent regulator and other state government agencies to determine the timeframes to resolve remaining decisions.
- While Adani can now commence construction, further State and Federal approvals are required before it can begin producing coal.

Remaining Approvals	Agency	Target date
Temporary access and use authorities to allow rail preliminary works	Coordinator-General	28 May 2019
Lease on Moray Downs land to allow rail construction	DNRME	30 June 2019
Lease on Moray Downs land for workers camp and airport	DNRME	31 July 2019
License to build and operate rail line (DAS)	Coordinator-General	31 July 2019
Infrastructure & Interface Agreements	DTMR, Isaac RC, Whitsunday RC	30 September 2019
Accreditation as a Rail Infrastructure Manager (RIM) and Rolling Stock Operator (RSO)	Office of the National Rail Safety Regulator (CW)	Stage 1 construction - 31 May 2019 Stage 2 commissioning of rollingstock - 31 July 2019 (revised by both parties)
Groundwater Management and Monitoring Plan	DES	Before first extraction of coal
Great Artesian Basin Springs Research Plan	DES	Before first extraction of coal
Rewan Formation Connectivity Research Plan	DES	Before first extraction of coal
Offset Area Management Plan Moray Downs West – Offset	Commonwealth	Before first extraction of coal
Seismic Survey Management Plan	Commonwealth	May be required before seismic survey activities
Subsidence Management Plan	DES	May be required prior to commencing underground mining
Groundwater Model Review	DES	Within 2 years of first extraction of coal

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GDMEP

- The GDMEP must identify the source aquifer of the Doongmabulla Springs Complex and methodology used to determine the source.
- On 9 April 2019, the Federal Government approved the GDMEP.
- On 13 June 2019, DES approved the GDMEP based on CSIRO and Geoscience Australia advice.
- DES is satisfied that the GDMEP sufficiently establishes the main source aquifer of the springs as the Clematis Sandstone.
- Additional measures in the GDMEP also address concerns raised by Flinders University scientists that the Permian aquifers should not be ruled out as a Doongmabulla Springs Complex source.
- These include installing a new bore below the Rewan Formation, in the vicinity of the Doongmabulla Springs Complex, to assist in determining if the Permian aquifers (Colinlea) form a source for the springs.
- Adani is also required to review hydrological, hydrochemistry analyses and seismic information as part of its second geological and groundwater remodelling after box cut mining starts, and review seismic information pertaining underground mining impacts (which is scheduled to start in year 10 of the project). Further seismic studies may also need to be undertaken.
- Underground mining will not commence until these actions are completed and only if predicted impacts are consistent with approved impacts. Likewise, if the hydrogeological conceptualisation differs from that of the approved project, approval must be sought prior to relevant impact causing activities.

BTFMP

- The BTFMP details the management, mitigation measures and monitoring to minimise impacts to the endangered Black-throated Finch.
- Given the site of the Carmichael Coal Mine hosts the most significant known population of the Black-throated Finch in Australia, DES engaged an independent expert panel to review the BTFMP.
- 18 December 2018, the Federal Government approved the BTFMP.
- 31 May 2019, DES approved the BTFMP.

Railway

- The Coordinator-General acquired most of the land needed for the original rail corridor between the Galilee Basin and Abbot Point in October 2017 – approximately 330 kilometres.
- The remaining 37 kilometres of the rail corridor required for Adani's project goes through the Moray Downs property which is included in the Wangan & Jagalingou Native Title claim area.
- In May 2019, the Coordinator-General applied to Department of Natural Resources, Mines and Energy for a term lease to be granted over the Moray Downs property for rail construction so that native title will not be extinguished.
- Before construction can commence, Adani is required to enter into a construction licence with the Coordinator-General that will set out the terms and conditions of construction and operation of the railway. Adani is also to enter into a connection agreement with Aurizon.
- Adani has indicated that approximately 200 kilometres of the original rail corridor acquired for the project may no longer be required due to the rail project changes.

Change in project's scope

- On 29 November 2018, Adani Group announced it would finance 100 per cent of the coal mine and rail project.
- Late 2018, Adani announced it is intending to scale back the rollout of its Carmichael coal mine project, and to make use of the existing rail infrastructure instead of building a new rail line.
- Details of the project changes are being developed and Adani will need to provide additional information to the Government about this matter.
- Adani advised that the project is expected to deliver approximately 1,500 direct jobs during the initial ramp-up and construction phase. The number of operational jobs has not been confirmed but is estimated between 800 to 1,500 based on open-cut coal mines of a similar size in Queensland.

Transport access agreements

- An Infrastructure Agreement with Adani is being negotiated to manage the impacts of project traffic on state-controlled roads and any land

requirements consistent with the outcomes of the CG's evaluation report on the Environmental Impact Statement.

- The Infrastructure Agreement will detail roadworks such as intersection improvements and how Adani will fund any necessary road and grade-separated rail crossing requirements and compensate the State Government of wear-and-tear on public roads, especially during the project construction phase. The Infrastructure Agreement is expected to be finalised by 30 September 2019.
- The State Government is not funding or contributing towards the construction and maintenance of these roadworks including the Elgin–Moray and Moray–Carmichael roads.
- An Interface Agreement which details responsibilities where Adani's new rail line crosses or encroaches upon state-controlled road reserves is also expected to be finalised by 30 September 2019.

Port of Abbot Point and rail corridor

- Adani owns the existing coal terminal at the port and the first stage of the mine can be accommodated without any major expansion.
- In October 2017, the CG acquired most of the land required for a rail corridor. Adani provided a \$45 million cash security for land acquisition costs – resulting in the State Government not incurring any land acquisition costs.
- The CG and Adani entered an early works deed under which a licence has been provided to Adani until 30 April 2020 to enter acquired land to carry out pre-construction investigations.
- The CG has not decided on how to deal with the land acquired for the rail corridor which is no longer required.

Airstrip

- In October 2017, Townsville City Council (TCC) approved funds to facilitate TCC's involvement in the development and operation of an airstrip at the mine site within the Isaac Regional Council area.
- TCC set aside \$18.5 million to jointly fund the project with the Rockhampton Regional Council and secured an operating lease for 30 years over the airstrip.
- As Adani scaled back its operation, it does not require an airstrip in the short term and on 1 June 2018, Cr Jenny Hill, Mayor TCC, stated the

~~funds TCC had set aside would be used for other projects instead, pending Adani being able to secure funding for the mine.~~

Mineral Resources (Galilee Basin) Amendment Bill

- On 31 October 2018, Mr Michael Berkman MP, Member for Maiwar introduced the Mineral Resources (Galilee Basin) Amendment Bill (the Bill) into the Parliament.
- On 18 April 2019, the State Development, Natural Resources and Agricultural Industry Development Parliamentary Committee tabled its report on the Bill and recommended the Bill not be passed. However, the committee recommended the State Government advocate for a consistent national framework for climate change policy and emission targets, as the federal policy instability may hinder Queensland's adoption of future climate change actions and pathways.
- The second reading of the Bill will not be moved before 22 July 2019, in accordance with Standing Order 136(8).

Plan of Operations and Financial Assurance

- As at 22 May 2019, the amount of financial assurance (FA) held by the State Government in a DES bank account is \$15,824,063.

Queensland Government response

- The Government supports the Adani project, provided it stacks up commercially, social and environmentally.
- The Government will work to ensure Adani meets its commitments and environmental requirements.
- Adani has all of its major approvals in place for construction to commenceThe Government is continuing to work with Adani to finalise outstanding approvals in a timely and responsible way.
- The Coordinator-General will continue to work closely with Adani to progress the project.
- It is now up to Adani to progress the project, start construction and deliver the jobs they have promised to regional communities. Adani promised Queenslanders they could start the day after receiving final approvals to start construction of the mine and it is now a matter for the company to deliver on their promises.

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17.89 cm

Justin Carpenter

From: Justin Carpenter
Sent: Monday, 10 June 2019 9:53 AM
To: MERRICK Jamie
Subject: RE: DES GDEMP (CSIRO/GA advice) Feedback 7 June 2019

Thanks for this Jamie.

Justin Carpenter
Acting Executive Director
Environment Policy
Department of the Premier and Cabinet

P 07 3003 9316 M [REDACTED]
1 William Street, Brisbane QLD 4000
PO Box 15185, City East, QLD 4002

-----Original Message-----

From: MERRICK Jamie <Jamie.Merrick@des.qld.gov.au>
Sent: Friday, 7 June 2019 9:39 PM
To: Mark Cridland <mark.cridland@premiers.qld.gov.au>; Justin Carpenter <justin.carpenter@premiers.qld.gov.au>
Subject: Fwd: DES GDEMP (CSIRO/GA advice) Feedback 7 June 2019

FYI - DES received CSIRO advice at 5pm this evening and has now set out final GDEMP requirements to Adani in accordance with the timeframe set out by the CG.

DG DPC has been notified.

Jamie

Sent from my iPhone

Begin forwarded message:

From: "WELLS Melissa" <Melissa.Wells@des.qld.gov.au<mailto:Melissa.Wells@des.qld.gov.au>>
To: [REDACTED]@adani.com<mailto:[REDACTED]@adani.com>>
Cc: "MERRICK Jamie" <Jamie.Merrick@des.qld.gov.au<mailto:Jamie.Merrick@des.qld.gov.au>>, "ELLWOOD Dean" <Dean.Ellwood@des.qld.gov.au<mailto:Dean.Ellwood@des.qld.gov.au>>, [REDACTED] <[REDACTED]@adani.com.au<mailto:[REDACTED]@adani.com.au>>, [REDACTED] <[REDACTED]@adani.com.au<mailto:[REDACTED]@adani.com.au>>, "MCCOSKER Juliana" <Juliana.Mccosker@des.qld.gov.au<mailto:Juliana.Mccosker@des.qld.gov.au>>
Subject: DES GDEMP (CSIRO/GA advice) Feedback 7 June 2019

Good evening [REDACTED],

Please see attached correspondence.

Kind regards,
Melissa.

[cid:image002.png@01D51D76.3C4EC7C0]

Melissa Wells
Executive Director
Coal and Central Qld Compliance
Department of Environment and Science

P 07 4987 9343

99 Hospital Road, Emerald QLD 4720
PO Box 3028, Emerald QLD 4720

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Justin Carpenter

From: ESR <ESR@des.qld.gov.au>
Sent: Monday, 3 June 2019 1:56 PM
To: Jamie Merrick (DES); Alena Tracey (DES); Pamela Frost; rosalyn.lye@ministerial.qld.gov.au; Hannah Jackson; Angus.Sutherland@ministerial.qld.gov.au; sonja.litz@ministerial.qld.gov.au; SEELIG Tim; Robynne Macgroarty (DES); DLO DES; Media DES
Cc: ESR; ELLWOOD Dean; LAWRENCE Rob; WELLS Melissa; CAGNEY Justin; Justin Carpenter; Elizabeth Fellows; Chris McKenna; LOWE Trinity
Subject: Adani Weekly Update #43 - week ending 31 May 2019
Attachments: Adani Weekly Update 43 week ending 31052019.docx

Good afternoon,

Please find attached the Adani Weekly Update #43 for the week ending 31 May 2019.

Kind regards,



Queensland
Government

Lindsay Hope
Senior Program Officer
Office of the Deputy Director-General
Environmental Services and Regulation
Department of Environment and Science

P 07 3330 5535
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Adani Weekly Update # 43

Date:	Week ending 31 May 2019
Contact:	Office of the Deputy Director-General Environmental Services and Regulation, esr@des.dld.gov.au
CURRENT	
Carmichael Coal Mine	
Assessment	
Black Throated Finch Management Plan (BTFMP)	<ul style="list-style-type: none"> • 22 May 2019 – Premier requested that the Co-ordinator-General meet with DES and Adani to set down timeframes for decisions on the plans. • 24 May 2019 – Co-ordinator-General announced the timeframes, with DES to make a decision on the BTFMP by 31 May 2019. • 24 May 2019 – DES reached agreement with Adani with respect to the requirements of the BTFMP. • 27 May 2019 – Adani submitted BTFMP version 8. • 28 May 2019 – DES requested low grazing commitment changes. • 28 May 2019 – Adani submitted BTFMP version 8a. • 31 May 2019 – DES approved BTFMP version 8a and sent Adani approval letter.
Groundwater Dependent Ecosystem Management Plan (GDEMP)	<ul style="list-style-type: none"> • 22 May 2019 – Premier requested that the Co-ordinator-General meet with DES and Adani to set down timeframes for decisions on the plans. • 24 May 2019 – Co-ordinator-General announced the timeframes, with DES to make a decision on the GDEMP by 13 June 2019. • 31 May 2019 – DES provided Adani with preliminary comments on GDEMP version 11b. • 7 June 2019 - expected date for receipt of CSIRO/GA clarification advice on GDEMP. • 7 June 2019 – DES to provide comments to Adani on GDEMP (on consideration of CSIRO/GA advice). • 30 May 2019 – Adani submitted response to DES comments on GMMP and proposed changes to GMMP.
Groundwater Management and Monitoring Program (GMMP)	
Moray Downs West Offset Area Management Plan (MDWOAMP)	<ul style="list-style-type: none"> • Nature Refuges Branch has completed desktop assessment of offset area and will now proceed to field assessment of the offset area.

Plan of Operations and Financial Assurance (FA)	<ul style="list-style-type: none"> No update this week.
EA conditions	<ul style="list-style-type: none"> No update this week.
Compliance	
Formal Investigation	
Construction of dewatering bores	<ul style="list-style-type: none"> 21 January 2019 – the draft Brief of Evidence in relation to the investigation was submitted to Litigation.
Annual Return disturbance area discrepancies	<ul style="list-style-type: none"> 1 April 2019 – the draft Brief of Evidence in relation to the investigation was submitted to Litigation.
Abbot Point	
Compliance & Litigation	
Caley Valley Wetlands (W1)	<p>Compliance:</p> <ul style="list-style-type: none"> 7 February 2019 – APBC contacted DES to advise of the commencement of a release of stormwater from an authorised release point at the Abbot Point Coal Terminal into the adjacent Caley Valley Wetland. APBC advised that the stormwater release occurred from a dam spillway as a result of rainfall associated with the monsoon trough. Departmental officers attended the site and collected samples at W1 (release point) on 8 February 2019. 12 February 2019 – DES received water quality results from sampling undertaken by Abbot Point Coal Terminal. The samples were collected by the operator from the release point into the Caley Valley Wetland on 7 February 2019. The results provided by the operator indicate the total suspended solids (TSS) in the sample to be 58 mg/L. The environmental authority (EA) imposes a maximum limit of 30 mg/L for TSS in water released from this release point. 13 February 2019 – DES received water quality results from sampling undertaken by departmental officers on 8 February 2019. The results indicate the TSS in the sample to be 33 mg/L. The EA imposes a maximum limit of 30 mg/L for TSS in water released from this release point. A copy of the sampling results has been provided to APBC.

	<ul style="list-style-type: none"> 15 February 2019 – DES issued a pre-enforcement (show cause) letter inviting APBC to make representations as to why enforcement action should not be taken by DES as a result of alleged non-compliance with the EA conditions. A response to the pre enforcement letter was received on Friday 1 March 2019. 25 March 2019 – DES issued APBC Ltd with a \$13,055 penalty infringement notice for breaching a condition of its EA in relation to the release of stormwater in February 2019. APBC elected to pay the fine in full and the payment was received on 18 April 2019. <p>Litigation:</p> <ul style="list-style-type: none"> No update this week.
<p>W2 discharge point prosecution (Dingo Beach)</p>	<p>Litigation</p> <ul style="list-style-type: none"> The matter has been listed for a five day hearing commencing 22 July 2019 before the Bowen Magistrates Court. 13 May 2019 – DES received an application from APBC for an enforceable undertaking (EU) under section 507 of the <i>Environmental Protection Act 1994</i> (the EP Act). 16 May 2019 – DES made a decision to accept the EU. 20 May 2019 – DES provided the Notice of Decision and signed EU to APBC. The EU requires the installation of an automatic monitoring station for real-time recording of any future stormwater discharges from the site at discharge location W2 (the discharge location where the alleged offence occurred previously). The cost of this installation is expected to be approximately \$100,000. The prosecution proceedings have now been discontinued. A copy of the EU has been published in the Enforcement Register on DES' website.
<p>Pre-wet season preparedness 2018/19</p>	<p>Compliance</p> <ul style="list-style-type: none"> No update this week.
<p>Assessment</p>	
<p>Terminal 1 (existing) & Terminal 0 (yet to be constructed)</p>	<ul style="list-style-type: none"> 30 May 2019 – DES has not received any amendment applications for T1 or T0.

Public Register

- Three (3) new requests received for the period 3:00 pm Thursday 23 May to 3:30 pm Thursday 30 May 2019. All from EDO - [redacted] - PR19-233 for Groundwater Management and Monitoring Program, PR19-234 for GMMP, Baseline Monitoring Program and Groundwater-Dependent Ecosystem Management Plan and PR19-235 for Black-throated Finch Management Plan.

Historical information is provided on the following pages.

Released under RTI - DPP

HISTORICAL

Carmichael Coal Mine

Assessment

BTFMP	
	<ul style="list-style-type: none"> • Required by EA condition 16. • The BTFMP is required to be approved by the administering authority prior to commencement of Project Stage Two as per condition 16. • Project Stage Two is defined in the EA as: project activities, other than activities carried out under project stage 1, leading to the production of coal including: <ul style="list-style-type: none"> ◦ removal of existing structures, site clearance ◦ construction of access roads, potable water treatment and sewage treatment plants, new power plants, mine administrative buildings, water storage infrastructure and hardstanding ◦ removal and stockpiling of overburden and excavation of box cuts for open pit or underground mining ◦ commencement of dewatering operations. • Version 1 of the BTFMP was not submitted to DES. • 11 May 2017 – DES received BTFMP (version 2). • 6 July 2017 – DES provided comments on BTFMP to Adani. • 28 September 2017 – DES received BTFMP (version 3). • 10 November 2017 – DES provided comments on BTFMP to Adani. • 14 December 2017 – DES received BTFMP (version 4). • 16 December 2017 – DES received Commonwealth advice on BTFMP with respect to grazing. • 22 December 2017 – DES received a request from Adani to suspend the review of BTFMP. • 25 January 2018 – DES received BTFMP (version 5) • 6 February 2018 – meeting held between DES and Adani to discuss BTF habitat monitoring. • 9 March 2018 – DES received Commonwealth support for DES position on BTF habitat monitoring. • 16 March 2018 – DES held meeting with Adani to discuss BTF habitat monitoring requirements. • 30 April 2018 - Letter sent to Adani with DES position about BTF habitat monitoring. • 24 May 2018 – DES met with Adani to resolve residual BTF habitat monitoring issues. • 29 June 2018 – DES received BTFMP (version 6). • 19 July 2018 – DES and Commonwealth met with Adani to discuss review of BTFMP. • 2 August 2018 – DES sent Adani comments on BTFMP. • 2 November 2018 – Adani submitted BTFMP (version 7). • 3 December 2018 – Adani made minor amendments to BTFMP (version 7a).

- 7 December 2018 – ESR requested independent scientific review of the BTFMMP prior to approval. The review will extend the timeframe for the department's assessment of the BTFMMP.
- 13 December 2018 – the National Director of the National Environment Science Program's (NESP) Threatened Species Recovery Hub (TSRH) agreed to lead the independent scientific expert panel review of the BTFMMP. NOTE - while the panel includes members of the TSRH, the review is independent of the NESP TSRH.
- 14 November 2018 – BCC (ESR) received correspondence from the Office of the Coordinator-General regarding imposed condition in Appendix 1, Section 3 (p 463) of the CG's Evaluation Report with respect to the BTFMMP requirements.
- **17 December 2018 – Adani made minor amendments to BTFMMP (version 7b). This is the most recent version.**
- **18 December 2018 – DES sent Adani a letter advising that DES had engaged an expert scientific panel review of the BTFMMP.**
- 18 December 2018 – the Commonwealth approved the BTFMMP.
- 19 December 2018 – Adani wrote to DES requesting an explanation for the engagement of an expert scientific panel review of the BTFMMP.
- 24 December 2018 – DES sent Adani a response reiterating that the review will ensure a robust assessment.
- 9 and 10 January 2019 – Emails received from Adani requesting a meeting to discuss the reasons and process for the independent review of the BTFMMP.
- 16 January 2019 – Meeting between DES and Adani to discuss the BTFMMP independent review process.
- 18 January 2019 – Terms of Reference for the BTFMMP independent review provided to Adani at its request.
- 18 January 2019 – Courier Mail reported that DES had engaged the Threatened Species Recovery Hub (TSRH) to complete the BTFMMP independent review and questioned the appropriateness of its engagement.
- 21 and 22 January 2019 – Adani provided DES two letters regarding the independent review panel members, and requested the independent review process be revoked.
- 25 January 2019 – DES sent Adani a response to its letters of concern about the expert panel review of the BTFMMP.
- 29 and 30 January 2019 – DES received further correspondence from Adani with concerns about the expert panel review of the BTFMMP.
- 6 February 2019 – DES met with two members of the BTFMMP review panel to receive summary of review's preliminary findings.
- 6 February 2019 – DES met with Adani to convey summary of BTFMMP review's preliminary findings.
- 11 February 2019 – DES received draft review of BTFMMP.
- 12 February 2019 – DES provided draft review of BTFMMP to Adani.
- 15 February 2019 – DES received the final review report of the BTFMMP by the independent expert panel.

	<ul style="list-style-type: none"> • 18 February 2019 – DES provided the final review report to Adani. • 28 February 2019 – DES met with Adani to discuss the next steps for the assessment of the BTFMP. • 4 March 2019 – DES provided the BTFMP expert panel report to the Commonwealth. • 8 March 2019 – DES met with Adani to discuss BTFMP requirements. • 15 March 2019 – DES received Adani's submission on BTFMP review. • 21 March 2019 – DES met with Adani to discuss independent review of the BTFMP independent expert panel review report. • 26 March 2019 – DES had a teleconference with Adani to clarify the recommendations of its independent review (BAMM) of the DES independent expert panel review of the BTFMP. DES is awaiting feedback from Adani before providing feedback on the latest version of the BTFMP. • 2 April 2019 - Adani sent a response to clarify recommendations in their review of the expert panel review of the BTFMP. • 9 April 2019 – DES had a teleconference with Adani to discuss BTFMP requirements. • 2 May 2019, DES provided Adani with letter and comments on BTFMP. • 2 May 2019, DES met with Adani to discuss GDEMMP, GMMP and BTFMP. • 10 May 2019, DES met with Adani to provide clarification on BTFMP requirements. • 15 May 2019 – DES met with Adani to discuss BTFMP requirements. Adani did not provide written feedback prior to meeting as committed. Adani provided a tabled response at the meeting and propose to update based on meeting discussions, but did not provide any written comments to DES. • 21 May 2019 – Adani provided written response to DES feedback of 2 May 2019. • 23 May 2019 – DES met with Adani to discuss BTFMP requirements – only two issues remain – 1) definition of low grazing regime and 2) research effort to establish research aims. • 23 May 2019 – DES provided Adani with written recommendations for definition of low grazing regime and the research effort to satisfy the EA conditions requirements. •
<p>GDEMMP</p>	<ul style="list-style-type: none"> • Required by EA conditions I11 to I13 and EA definition. • The GDEMMP is required to be approved by the administering authority prior to commencement of Project Stage Two as per condition I12. • Project Stage Two is defined in the EA as: project activities, other than activities carried out under project stage 1, leading to the production of coal including: <ul style="list-style-type: none"> ○ removal of existing structures, site clearance

	<ul style="list-style-type: none"> o construction of access roads, potable water treatment and sewage treatment plants, new power plants, mine administrative buildings, water storage infrastructure and hardstanding o removal and stockpiling of overburden and excavation of box cuts for open pit or underground mining o commencement of dewatering operations. <ul style="list-style-type: none"> • Versions 1 – 4 of the GDEMP were not submitted to DES. • 7 November 2016 – DES received GDEMP (version 5). • 15 December 2016 – DES provided comments on GDEMP. • Version 6 of the GDEMP was not submitted to DES. • 10 April 2017 – DES received GDEMP (version 7). • 30 May 2017 – DES provided comments on GDEMP. • 28 September 2017 – DES received GDEMP (version 8). • 2 November 2017 – DES provided comments on GDEMP. • 15 December 2017 – DES received GDEMP (version 9). • 22 December 2017 – DES received a request from Adani to suspend the review of GDEMP. • 25 January 2018 – DES received GDEMP (version 9 dated 18 January 2018). • 6 March 2018 – DES sent Adani correspondence outlining its concerns with the GDEMP. • 28 March 2018 – Adani sent DES correspondence in response to DES comments of 6 March 2018. • 5 April 2018 – DES sent Adani correspondence outlining the outstanding issues that includes a request for consideration of how information from the Australian Government's Bioregional Assessment: Lake Eyre Basin Springs Assessment would be used to confirm the source aquifer for the Doongmabulla Springs Complex. • 13 July 2018 – DES received GDEMP (version 9 dated 5 July 2018). • 30 July 2018 – DES sent Adani preliminary feedback on the GDEMP stating the source aquifer must be identified. • 4 October 2018 – Adani sent DES correspondence outlining the research that has been undertaken to identify the source aquifer. • 15 October 2018 – DES sent Adani comments on GDEMP and additional information on source aquifer provided by Adani on 4 October 2018. • 16 October 2018 – workshop between Adani, Commonwealth and DES to present government feedback on GDEMP. • 24 October 2018 – teleconference between Adani, Commonwealth and DES to clarify government feedback on GDEMP. • 7 November 2018 – meeting between Adani, DES and Commonwealth to discuss how Adani will address feedback on GDEMP.
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	<ul style="list-style-type: none"> • 14 November 2018 – DNRME provided advice that there are still issues with the actual groundwater data on which the GDEMP and GMMIP are based and that these must be resolved prior to submission of the final versions of these documents. • 15 November 2018 – meeting between Adani, DES and Commonwealth to clarify any outstanding issues with feedback and how feedback will be addressed in revised GDEMP. • 16 November 2018 – meeting between Adani, DES and Commonwealth to provide final feedback prior to GDEMP submission. • 19 November 2018 – Adani submitted GDEMP (version 10). • 20 November 2018 – DES sent GDEMP to DNRME and DES Water Sciences for review. • 20 November 2018 – Commonwealth briefed DES on the preliminary advice from CSIRO/GA on previous drafts of GDEMP and GMMIP plus additional information about groundwater conceptual model and Doongmabulla Springs Complex source aquifer. • 20 November 2018 – DES received preliminary CSIRO/GA advice from the Commonwealth. • 20 November 2018 – DES sought DNRME advice on CSIRO/GA preliminary advice. • 21 November 2018 – DNRME provided comments on CSIRO/GA preliminary advice indicating that some of the issues raised in the advice had been resolved in the EIS/SEIS assessment via IESC, DNRME and Adani agreement. • 21 November 2018 – DNRME communicated to DES that the bore data discrepancies had been resolved with Adani for one aquifer (Clematis), and that work on the next aquifer (alluvium) had commenced. • 21 November 2018 – DES and Commonwealth met with Adani and were advised that Adani had completed more research on source aquifer and had a 150 page report to submit. • 23 November 2018 – Commonwealth sent Adani the CSIRO/GA preliminary advice. • 27 November 2018 – DES, DNRME and the Commonwealth met with Adani to discuss a way forward with verification of bore water level data discrepancies. The water level data for bores in the Clematis aquifer has been verified by DNRME hydrologists. DES and the Commonwealth advised Adani that the review of the GDEMP could not be finalised until the water level data had been verified for all bores in all aquifers. • 11 December 2018 – the department received CSIRO/GA pre-Tranche 2 assessment report from the Commonwealth that highlighted further outstanding issues with the GDEMP and GMMIP. • 13 December 2018 – Adani provided the department with a spreadsheet detailing the DNRME verification of 10 of the 81 bores groundwater water level data. • 14 December 2018 – the Commonwealth organised a teleconference/workshop to discuss the outstanding issues as raised by CSIRO/GA assessment report with CSIRO/GA, Adani, DES and DNRME.
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	<ul style="list-style-type: none"> • 14 December 2018 – DES sent Adani correspondence stating that the review of the GDEMP and GMMP will not continue until all water levels for all bores in all aquifers have been verified and the CSIRO/GA assessment report issues were addressed. • 21 December 2018 – Adani provided DES with data from all bores for verification. • 21 December 2018 – DNRME emailed DES to say that of the 63 bores remaining, 30 require further investigation and are likely to require clarification with Adani/AECOM. This information was relayed to Adani same day. • 21 December 2018 – DES provided feedback to date on submitted GDEMP to Adani to allow updates for resubmission in January 2019. • 9 January 2019 – Adani provided information to reconcile Dunda Bed water bore levels based on feedback from DNRME. • 10 January 2019 – the Dunda Bed water bore level reconciliation information was sent to DNRME for its advice. • 11 January 2019 – DNRME provided DES with a review summary of bore water level data and follow up actions/questions for Adani/AECOM. • 15 January 2019 – Meeting between DES, Adani and AECOM to confirm agreement on groundwater trigger level values. • 15, 16 & 17 January 2018 – Adani provided response to DES regarding DNRME review of bore water level data. Responses were sent to DNRME by DES. • 21 January 2019 – Adani were verbally advised that DNRME were not able to provide any further review advice relating to bore water level data, and that Adani should consider seeking peer review should further validation be required prior to formal submission. • 25 January 2019 – Commonwealth requested confirmation from DNRME (via DES) that the review of Adani's bore water level data has been completed. • 25 January 2019 – DNRME provided advice to DES reiterating that DNRME's initial review of the bore water level data has been completed. • 21 January 2019 – Adani advised DES that the GDEMP submitted to the Commonwealth incorporates updated bore water level data but does not address all previous comments by CSIRO, Geoscience Australia and DES. Adani has acknowledged that a further submission of a final GDEMP that addresses all comments is required, and will be provided in the near future. • 29 January 2019 – the Commonwealth advised DES that it has received an updated GDEMP on 21 January 2019. • 29 January 2019 – the Commonwealth advised DES that the CSIRO and Geoscience Australia independent scientific review commenced on 25 January 2019. The review will be based on the most recent versions of the GDEMP and Groundwater Management and Monitoring Program (GMMP) submitted to the Commonwealth. The independent scientific review is expected to take four weeks and be completed by 22 February 2019.
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	<ul style="list-style-type: none"> • 1 February 2019 – the Commonwealth provided DES with a copy of their regulatory comments on version 10 of the GDEM_P, which they also provided to Adani on the same day. • 8 February 2019 – email sent to Adani attaching NMRE advice regarding groundwater level data validation. • 8 February 2019 – Commonwealth's response to NMRE regarding groundwater level data validation. • 22 February 2019 – the CSIRO and GA review was finalised. • 26 February 2019 – DES attended teleconference with Commonwealth to receive verbal summary of CSIRO/GA review findings. • 27 February 2019 – DES received a copy of the Commonwealth's requirements to Adani resulting from CSIRO/GA review findings. • 5 March 2019 – DES wrote to the Commonwealth requesting a copy of the CSIRO/GA review report. • 12 March 2019 – Minister Enoch wrote to Federal Minister Price on behalf of DES requesting a copy of the CSIRO/GA review report. • 13 March 2019 – DES received the Commonwealth's comments on the latest GDEM_P it has received. • 9 April 2019 – the Federal Minister of the Environment approved the GDEM_P. • 9 April 2019 – DES received updated GDEM_P version (11b) from Adani. • 9 April 2019 – DES received a copy of the CSIRO/GA review of the GDEM_P and GMMP, and will consider the review findings and the EA requirements before making a decision regarding approval of the GDEM_P. • 2 May 2019, DES met Adani to discuss GDEM_P, GMMP and BTFMP. • 10 May 2019, DES to meet with Adani to provide preliminary comments on GDEM_P and GMMP, and details of the clarification DES require from CSIRO and Geoscience Australia. • 10 May 2019, DES met with Adani to provide clarification on BTFMP requirements and discuss timeframes for GDEM_P and GMMP assessment. • 10 May 2019, DES sent letter to CSIRO and GA to seek clarification on certainty of the source aquifer for DSC. • 22 May 2019 – DES sent CSIRO and GA a revised scope for requested advice of 10 May 2019 with respect to works required to increase certainty of source(s) aquifers for Doorngabulla Springs Complex.
<p>GMMP</p>	<ul style="list-style-type: none"> • Required by condition E4 of the EA. • The GMMP must be provided for approval no later than 90 days prior to commencement of box cut excavation. Box cut excavation is a Project Stage Two activity. • GMMP will provide the identification of groundwater drawdown level thresholds and trigger values for monitoring the impacts to Groundwater Dependent Ecosystems. It is the department's view this document is required in order to inform the approval of the GDEM_P. • However, the GMMP is not required to be approved by DES prior to commencement of significant mining activities, but must be submitted to DES for approval 90 days prior to commencement of box cut excavation.

	<ul style="list-style-type: none"> • 10 August 2018 – a version of GMMP submitted. • 15 October 2018 – DES sent Adani comments on GMMP. • 16 October 2018 – workshop between Adani, Commonwealth and DES presenting government feedback on GMMP. • 19 October 2018 – document received from Commonwealth containing summary and actions from workshop and beyond for participants' review and agreement. • 24 October 2018 – teleconference between Adani, Commonwealth and DES to clarify government feedback on GMMP. • 25 October 2018 – teleconference between Adani, DES, Water Sciences and Adani consultants to clarify comments on GMMP. • 7 November 2018 – meeting between Adani, DES and Commonwealth to discuss how Adani will address feedback on GMMP. • 14 November 2018 – DNRME provided advice that there are still issues with the actual groundwater data on which the GDEMP and GMMP are based and that these must be resolved prior to submission of the final versions of these documents. • 28 November 2018 - Adani submitted a version of the GMMP to DES and the Commonwealth for approval. • 29 November 2018 – DES and the Commonwealth advised Adani that the review of the GMMP would not commence until all bore water level data has been verified. • 11 December 2018 – DES received CSIRO/Geoscience Australia pre-Tranche 2 assessment report from the Commonwealth that highlighted further outstanding issues with the GDEMP and GMMP. • 14 December 2018 – the Commonwealth organised a teleconference/workshop to discuss the outstanding issues as raised by CSIRO/GA assessment report with CSIRO/GA, Adani, DES and DNRME. • 14 December 2018 – DES sent Adani correspondence to state that the review of the GDEMP and GMMP will not continue until all water levels for all bores in all aquifers have been verified and the CSIRO/GA assessment report issues were addressed. • 21 December 2018 – Adani has provided DES with data from all bores for verification by DNRME. • 21 December 2018 – DNRME emailed DES to say that of the 63 bores remaining, 30 require further investigation and are likely to require clarification with Adani/AECCOM. • 21 December 2018 – DES provided some feedback on submitted GMMP to Adani. • 9 January 2019 – Adani provided information to reconcile Dunda Bed water bore levels based on feedback from DNRME. • 10 January 2019 – the Dunda Bed water bore level reconciliation information was sent to DNRME for its advice. • 11 January 2019 – DNRME provided DES with a review summary of bore water level data and follow up actions/questions for Adani/AECCOM.
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	<ul style="list-style-type: none"> • 15 January 2019 – Meeting between DES, Adani and AECOM to confirm agreement on groundwater trigger level values. • 15, 16 & 17 January 2018 – Adani provided response to DES regarding DNRME review of bore water level data. Responses were sent to DNRME by DES. • 21 January 2019 – Adani were verbally advised that DNRME were not able to provide any further review advice relating to bore water level data, and that Adani should consider seeking peer review should further validation be required prior to formal submission. • 22 January 2019 – An updated GMMP was received by the department. This is the most recent version. • 25 January 2019 – Commonwealth requested confirmation from DNRME (via DES) that the review of Adani's bore water level data has been completed. • 25 January 2019 – DNRME provided advice to DES reiterating that DNRME's initial review of the bore water level data has been completed. • 29 January 2019 – the Commonwealth advised DES that the CSIRO and Geoscience Australia independent scientific review commenced on 25 January 2019. The review will be based on the most recent versions of the GDEMP and Groundwater Management and Monitoring Program (GMMP) submitted to the Commonwealth. The independent scientific review is expected to take four weeks and be completed by 22 February 2019. • 22 February 2019 – the CSIRO and GA review was finalised. • 26 February 2019 – DES attended teleconference with Commonwealth to receive verbal summary of CSIRO/GA review findings. • 27 February 2019 – DES received a copy of the Commonwealth's requirements to Adani resulting from CSIRO/GA review findings. • 5 March 2019 – DES wrote to the Commonwealth requesting a copy of the CSIRO/GA review report. • 12 March 2019 – Minister Enoch wrote to Federal Minister Price on behalf of DES requesting a copy of the CSIRO/GA review report. • 9 April 2019 – the Federal Minister of the Environment approved GMMP. • 9 April 2019 – DES received a copy of the CSIRO/GA review of the GDEMP and GMMP, and will consider the review findings and the EA requirements before making a decision regarding approval of the GMMP. • 2 May 2019, DES met Adani to discuss GDEMP, GMMP and BTFMP. • 10 May 2019, DES to meet with Adani to provide preliminary comments on GDEMP and GMMP, and details of the clarification DES require from CSIRO and Geoscience Australia. • 10 May 2019, DES met with Adani to provide clarification on BTFMP requirements and discuss timeframes for GDEMP and GMMP assessment. • 20 May 2019 – DES had a meeting with Adani to go through the DES comments on the submitted GMMP. Adani committed to providing a written response by COB 24 May 2019.
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Released under RTIA

MDWOAMP	
	<ul style="list-style-type: none">• Condition 11 requires that delivery of a land-based offset for Stage 1 must be provided by 2 February 2019 (which is 36 months from the date of issue of the EA).• Approval of the MDWOAMP is not required prior to the commencement of significant mining activities.• Approval of the MDWOAMP is a necessary prerequisite to the provision of a land-based offset.• There is no statutory timeframe for departmental approval of the MDWOAMP.• 20 July 2018 – MDWOAMP submitted for Stage 1 activities as per the approved Biodiversity Offset Strategy (BOS) for the Carmichael Mine and Rail Project.• 30 October 2018 – Adani submitted revised MDWOAMP for approval.• 11 December 2018 – ESR received comments from CSS supportive of the approval of the MDWOAMP.• 20 December 2018 – Adani submitted an updated MDWOAMP with changes as requested by the Commonwealth.

Plan of Operations and Financial Assurance	<ul style="list-style-type: none"> • 17 August 2018 – Adani submitted a replacement plan of operations for the period of 1 September 2018 to 31 August 2023 with no change in disturbance or FA. • 6 September 2018 – DES made a decision on the amount and form of financial assurance for Carmichael Coal Mine and issued a notice of decision to Adani. The amount of FA decided is the same as the amount currently held - \$3,082,503.36. • 21 November 2018 – Adani met with DES to discuss amendment of Plan of Operations. • 23 November 2018 – Adani submitted amended Plan of Operations to include additional disturbance for construction of infrastructure. <ul style="list-style-type: none"> ◦ Submission of a Plan triggers a decision on financial assurance (FA). ◦ The Plan must be consistent with the EA. ◦ An FA decision is not authorisation for disturbance, as disturbance is subject to any requirements of the EA, such as approval of the BTFMP and GDEMP. • 19 December 2018 - FA decision was made. • 8 March 2019 – DES confirmed receipt of additional cash FA payment as a result of the 19 December 2018 FA decision. • 15 March 2019 - Adani submitted amended Plan of Operations (Plan) to include additional disturbance for construction of infrastructure. • On 5 April 2019, the department will make a decision on the amount and form of FA for Carmichael Coal Mine as \$15,824,063.00 (excl. GST, no discount(s)), for the period 5 April 2019 to 31 August 2023. • The existing bank guarantee (\$1,252,046.40) and existing cash deeds (\$1,830,456.96 and \$8,477,227.64) will remain in place and a new cash deed and payment will be prepared for the \$4,264,332.00 increase, raising the total FA held to \$15,824,063.00. • Adani Mining proposes activities in the amended Plan which are approved stage 1 project activities and activities which are stage 2 project activities. • Adani Mining have made it clear in the Plan that stage 2 project activities will not occur during the Plan period until the two management plans are approved. • An FA decision is not authorisation for disturbance, as disturbance is subject to any requirements of the EA, such as approval of the BTFMP and GDEMP • On 5 April 2019 – DES decided to increase the FA for the Carmichael Coal Mine to \$15,824,063.00 (excl. GST, no discounts) in the form of cash, for the period ending 31 August 2023. • The additional financial assurance of \$4,264,332.00 was deposited as cash in a DES bank account on 22 May 2019. This brings the total cash balance to \$14,572,016.60. With the existing bank guarantee of \$1,252,046.40 the Queensland Government now hold \$15,824,063.00 surety.
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<p>EA Conditions</p>	<ul style="list-style-type: none"> • 29 October 2018 – DES provided advice regarding Adani's proposed amendments to the air conditions. • 8 November 2018 – DES provided Adani with advice as to the regulatory requirements necessary to amend the EA conditions for air. • 30 November 2018 – Adani provided information to initiate pre-lodgement discussions about a proposed amendments to the EA. • ESR continues to undertake pre-lodgement with Adani respect to proposed expansion of mine-affected water storage areas to allow for a temporary dam. • 17 December 2018 – Adani submitted an application to amend the EA for Carmichael Coal Mine. • The amendment proposes changes to the layout of site water storages and does not propose to increase the overall disturbance footprint of the mine. • 16 January 2019 – the Assessment Level Decision (ALD) for the amendment application was determined to be minor. • 31 January 2019 – DES approved the EA amendment application for Carmichael Coal mine. The minor amendment changes Table A1, Figure A1 and Figure F1 to show modifications to the disturbance footprint. • 10 May 2019, DES met with Adani for EA amendment pre-lodgement.
<p style="text-align: center;">Compliance</p>	
<p>Condition A13 – third party report on compliance</p>	<ul style="list-style-type: none"> • Condition A13 requires a report on compliance with conditions of the EA within one year of commencement of Stage 1 activities. • 4 October 2018 – A pre-enforcement letter was issued to Adani seeking representation as to why enforcement action should be taken by DES. • 12 October 2018 – Adani provided response to pre-enforcement letter to DES. • Report required by Condition A13 was received from Adani on 30 October 2018. • On 15 November 2018, the department issued a Warning Notice to Adani for an alleged contravention of the Environmental Protection Act 1994 for Adani Mining Pty Ltd's activities at the Carmichael Coal Mine (attached). The Warning Notice was issued for non-compliance with condition A13 of the Carmichael Coal Mine EA. • This matter is now closed.

<p>STP exceedance – May & June 2018</p>	<ul style="list-style-type: none"> • Exceedance of treated effluent release limits (notified on 20 September 2018). The releases were recorded in the months of May and June monitoring periods. Adani is required to test the quality of the effluent on a monthly basis. • 10 October 2018 – A pre-enforcement letter was issued to Adani seeking representation as to why an enforcement action should not be taken by DES. • 24 October 2018 – Adani provided a response to pre-enforcement letter to DES. • On 15 November 2018, the department issued two Warning Notices to Adani for an alleged contravention of the Environmental Protection Act 1994 for Adani Mining Pty Ltd's activities at the Carmichael Coal Mine (attached). The first Warning Notice was issued for non-compliance with condition G1 of the Carmichael Coal Mine EA. The second Warning Notice was issued for non-compliance with condition G3 of the Carmichael Coal Mine EA. • This matter is now closed.
<p>STP exceedance – 20 September 2018</p>	<ul style="list-style-type: none"> • Exceedance of treated effluent release limits (notified on 27 September 2018). The exceedance was recorded on 20 September 2018, but was received by Adani on 26 September 2018. • 10 October 2018 – A pre-enforcement letter was issued to Adani seeking representation as to why an enforcement action should not be taken by DES. • 24 October 2018 – Adani provided a response to pre-enforcement letter to DES. • 31 October 2018 – DES requested additional information to assist in deciding enforcement recommendation. • 1 November 2018 – Adani provided additional information as requested. • On 15 November 2018, the department issued a Warning Notice to Adani for an alleged contravention of the Environmental Protection Act 1994 for Adani Mining Pty Ltd's activities at the Carmichael Coal Mine (attached). The Warning Notice was issued for non-compliance with condition A4 of the Carmichael Coal Mine EA. • This matter is now closed.

Released

Formal Investigation

<p>Construction of dewatering bores</p>	<ul style="list-style-type: none"> • 10 September 2018 – the Formal Investigation Request was endorsed. • 13 September 2018 – DES undertook site visit and inspection where three of the six bore sites were inspected. • 8 October 2018 – DES issued an information request to the drilling company responsible for undertaking the construction of the bores in question at Carmichael Coal Mine. Information requested dates back as far as 2011 and includes contracts, tender specifications, bore data logs, letters, emails and related correspondence. • 15 October 2018 – Information was received by DES. Additional information was provided to DES on 22 October 2018. • A follow-up site inspection at Carmichael Coal Mine was undertaken on 7 and 8 November 2018. • A formal record of interview was conducted with the drilling contractor on 8 November 2018. • Investigators received a large number of documents from Adani's solicitors on Monday 19 November. • On 29 November 2018, DES issued an interview notification letter for an appropriate Adani representative to partake in a formal record of interview in respect to the alleged non-compliance with environmental authority (EA) conditions associated with the construction of dewatering bores at Carmichael Coal Mine. • On 30 November 2018, EDO provided new information to DES. • On 6 December 2018, a s465 Notice was issued to Adani, requiring a formal record of interview be provided by relevant company representatives (Llewellyn Lezar), in relation to the construction of dewatering bores at Carmichael Coal Mine. • The formal record of interview took place on 21 December 2018.
<p>Annual Return disturbance area discrepancies</p>	<ul style="list-style-type: none"> • Annual Return for 03/04/17 – 02/04/18 remains as being subject of formal investigation. • 18 September 2018 – Adani contacted DES to notify of an administrative error in the annual return submitted. • On 1 November 2018, DES issued a formal request to Adani for access to documents relating to the submission of the annual return. • On 19 November 2018, requested documents were provided by Adani. • On 21 November 2018, DES issued an interview notification letter for an appropriate Adani representative to partake in a formal record of interview in respect to the submission of the annual return for Carmichael Coal Mine. • On 27 November 2018, a response was received from Adani - no dates were offered for interview advising the matter was still under consideration. • On 27 November 2018, DES issued Adani with a s465 Notice requiring a formal record of interview be provided by relevant company representatives in relation to the submission of the annual return. The notice requested interview date of 5 December 2018.

	<ul style="list-style-type: none"> • On 28 November 2018, notification was received from Adani that 5 December 2018 was not suitable - earliest availability offered was 20 or 21 December 2018. • On 29 November 2018, a s465 Notice was re-issued to Adani requiring a formal record of interview be provided by relevant company representatives (Hamish Manzi), in relation to the submission of the annual return. • On 30 November 2018, EDO provided new information to DES. • The formal record of interview took place on 20 December 2018, however Hamish Manzi was not authorised to give interview as a representative of the company. • 4 January 2019, the department provided opportunity in writing for Adani to nominate a representative of the company who is authorised to give a record of interview. The nominated representative was requested to be provided to the department by 15 January 2019. Adani declined to nominate a representative authorised to give interview on behalf of the company. • 15 January 2019 – a s465 Notice was issued to Nathan Goodwin, Environment Superintendent, Mine Operations, requiring a formal record of interview be provided on 31 January 2019, in relation to the submission of the annual return. • 31 January 2019 – a formal record of interview was undertaken with Nathan Goodwin, Environment Superintendent, Mine Operations. • DES is reviewing the evidence collected to date and is compiling a Brief of Evidence. • DES is considering its response to the correspondence received on 28 February 2019. • 19 February 2019 – DES issued a section 465 Notice (representative) to Adani requiring a representative who is authorised to provide information on behalf of the company to participate in a formal record of interview on 1 March 2019. • 28 February 2019 – DES received a written response from Adani advising that legal representatives are not available to attend an interview on 1 March 2019 and proposing 8 March 2019 as a suitable alternative date for interview. • 15 March 2019 – DES sent Adani a letter of response, clarifying that DES requires a representative to attend a record of interview. • The interview requested by DES through the issue of a section 465 Notice (representative) on 19 February 2019 has not taken place to date. • DES has decided that a record of interview is no longer required from a representative who is authorised to provide information on behalf of the company. Adani will be advised that the section 465 Notice (representative) issued to Adani on 19 February 2019 is no longer in effect.
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Compliance & Litigation

<p>Caley Valley Wetlands (W1)</p>	<p>Compliance:</p> <ul style="list-style-type: none"> • 21 September 2018 – DES announced it will undertake its own environmental monitoring at the Caley Valley Wetlands, located adjacent to Abbot Point Bulkcoal Pty Ltd's coal terminal. • 30 and 31 October 2018 – Officers from DES attended site at the Caley Valley Wetland adjacent to Abbot Point Coal Terminal to undertake sampling activities within the wetland. • Abbot Point Bulkcoal Pty Ltd (APBC) was not significantly impacted by Ex Tropical Cyclone Owen. The site received approximately 50mm of rainfall and did not undertake any releases. • ESR Compliance Officers are on standby if required to be deployed to the site. • Sciences Division staff will be attending the Caley Valley Wetlands in the week ending 25 January 2019 to continue receiving environment sampling. North Queensland Bulk Ports (NQBP) has been briefed as to the proposal for departmental officers to require access to the area to conduct this sampling (NQBP will provide escort). • Letters were distributed to all existing occupiers of the Coordinator-General owned land on Monday 24 December 2018, advising of the department's requirement to access the land. The existing occupiers to be notified include Abbot Point Bulkcoal Pty Ltd (APBC). • Science and Technology Division staff attended the Caley Valley Wetlands on 22 and 23 January 2019 to continue receiving environment sampling. • Science and Technology Division staff attended the Caley Valley Wetland on 5 and 6 March 2019, to continue receiving environment sampling. <p>Litigation:</p> <ul style="list-style-type: none"> • 21 September 2018 – the appeal by Abbot Point Bulkcoal Pty Ltd was finalised before the Planning and Environment Court, following a decision by DES to no longer pursue an environmental evaluation notice issued in September 2017.
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<p>W2 discharge point prosecution</p>	<p>Litigation</p> <ul style="list-style-type: none"> • 5 September 2018 – DES commenced prosecution proceedings against Abbot Point Bulkoal Pty Ltd for one offence of contravening a condition of its Temporary Emissions Licence issued in March 2017. • 23 October 2018 – the matter was mentioned before the Bowen Magistrates Court. • 5 February 2019 – the matter was mentioned before the Bowen Magistrates Court.
<p>Pre-wet season preparedness 2018/19</p>	<p>Compliance</p> <ul style="list-style-type: none"> • Response received from APBC dated 2 November 2018 detailing works undertaken to date and underway upgrading and improving APBC water management infrastructure to mitigate potential future impacts arising from high intensity rainfall events. • DES (ED CaCQC) contacted APBC CEO by telephone on 16 November 2018 to discuss the content of the response and to arrange a visit to Abbot Point Coal Terminal to view the improvements to water management on site. • On 13 December 2018, the Executive Director (CaCQC) and Program Manager Compliance (CaCQC) attended a meeting at Abbot Point Coal Terminal with Dwayne Freeman (CEO) and Samantha Evans (Manager HSE). During the meeting, APBC provided an overview of operations at the coal terminal and a detailed briefing on the water management system improvements being implemented at the site. APBC has invested significantly in undertaking major upgrades to the water management system on site. The upgrades are intended to provide the site with additional immunity in relation to rainfall events (reduced likelihood of requirement to make releases from the site). • Upgrades to the water management system include: <ul style="list-style-type: none"> ○ increased storage capacity within the water management system through enlargement and desilting of storages; ○ reduced rainfall catchment areas providing inflows to the water management system (diversion of clean runoff away from site); ○ increased pumping capacities for transfer of water around the water management system (additional pumps installed in key locations); ○ improved removal of sediment/coal fines from the water management system through engineering solutions designed to maximise detainment time within sediment dams (finger bunds constructed within existing sediment dams); ○ improved control of releases from site through repairs and upgrades to existing structures (repairs to failures and installation of armoured spillways on bund walls).

Assessment

<p>Terminal 1 (existing) & Terminal 0 (yet to be constructed)</p>	<ul style="list-style-type: none"> • T1 and T0 are located at the Port of Abbot Point in the Abbot Point State Development Area (APSDA), which is approximately 25 km north-west of Bowen in Central Queensland. • T0 is located immediately adjacent to the east of existing T1. • T1 EA EPPR00577113 is held by Abbot Point Bulkoal Pty Ltd. • T0 EA EPPR03180115 is held by Adani Australia Coal Terminal Pty Ltd, and was approved on 7 December 2015, but does not take effect until the commissioning of the activity (which has not yet occurred). • 2 October 2018 – the Office of the Coordinator-General (CG) approved applications for material change of use at T1 and T0 port facilities in the APSDA. • The port's combined throughput remains capped at 90 million tonnes per annum (Mtpa), however 10Mtpa throughput was transferred from T1 to T0. This results in an increase to 60Mtpa throughput at T1 and decrease to 30Mtpa throughput at T0. • The CG's approval for T1 included conditions that require additional information to be provided to DES in an EA application to demonstrate: <ul style="list-style-type: none"> ○ How the additional water use will not result in additional water releases from the operation and so that impacts to receiving environments can be evaluated and understood; and ○ What the potential impact from the quality of the additional water source have on receiving environments so that impacts to receiving environments and be evaluated and understood. • The respective EAs for both T1 and T0 limit the throughput at each terminal by way of conditions. Therefore, EA amendment applications must be lodged with DES to reflect and authorise the throughput changes.
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Released

Public Register

- One (1) request on 17 July 2018 for Adani GDEMPP from Lock the Gate Alliance (ref: 18-267).
- One (1) request on 13 August 2018 for Adani GDEMPP from ABC – Specialist Reporting Team (ref: 18-309).
- Five (5) requests on 20 August 2018 from Environmental Defenders Office (Qld) Inc.
- One (1) request on 21 August 2018 from Environmental Defenders Office (Qld) Inc. (ref: 18-323).
- Two (2) requests on 22 August 2018 from Environmental Defenders Office (Qld) Inc.
- One (1) request on 6 September 2018 from Environmental Defenders Office (Qld) Inc. (ref: 18-340).
- One (1) request on 10 September 2018 from Environmental Defenders Office (Qld) Inc. (ref: 18-321).
- One (1) request on Wednesday 26 September 2018 from Environmental Defenders Office (Qld) Inc. (ref: 18-360)
- One (1) request on 5 October 2018 from Environmental Defenders Office (Qld) Inc. (ref: 18-373).
- One (1) request on 15 October 2018 from Environmental Defenders Office (Qld) Inc. (ref: 18-325).
- One (1) request on 20 November 2018 from Environmental Defenders Office (Qld) Inc. (ref: 18-443).
- Three (3) requests for the period 3:31pm Thursday 22 November 2018 to 3:30pm Thursday 29 November 2018.
- Two (2) requests on 6 December 2018 (re 18-468) and 12 December 2018 (re 18-483) from Environmental Defenders Officer (Qld).
- One (1) request on 15 January 2019 from the Environmental Defenders Office (Qld) Inc. (ref: 19-017).
- Two (2) requests received for the period 3:00 pm Thursday 7 February to 3:30 pm Thursday 14 February 2019.
- One (1) new requests received for the period 3:00 pm Thursday 15 March to 3:30 pm Thursday 22 March 2019.
- Two (2) new requests received for the period 3:00 pm Thursday 4 April to 3:30 pm Thursday 11 April 2019.
- One (1) new requests received for the period 3:00 pm Thursday 26 April to 3:30 pm Thursday 2 May 2019.

Released under the
Official Information Act

Justin Carpenter

From: ESR <ESR@des.qld.gov.au>
Sent: Monday, 20 May 2019 10:16 AM
To: Jamie Merrick (DES); Alena Tracey (DES); Pamela Frost; Hannah Jackson; Angus.Sutherland@ministerial.qld.gov.au; sonja.litz@ministerial.qld.gov.au; SEELIG Tim; Robynne Macgroarty (DES); DLO DES; Media DES
Cc: ESR; LAWRENCE Rob; ESR Snr Mgt; BENNINK Kate; CAGNEY Justin; IRELAND Anne-Maree; Justin Carpenter; Elizabeth Fellows; Chris McKenna
Subject: Adani Weekly Update #41 - week ending 17 May 2019
Attachments: Adani Weekly Update 41 week ending 17052019.docx

Good morning,

Please find attached the Adani Weekly Update #41 for the week ending 17 May 2019.

Kind regards,



Queensland
Government

Lindsay Hope
Senior Program Officer
Office of the Deputy Director-General
Environmental Services and Regulation
Department of Environment and Science

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Adani Weekly Update # 41

Date:	Week ending 17 May 2019
Contact:	Office of the Deputy Director-General Environmental Services and Regulation, esr@des.dld.gov.au
CURRENT	
Carmichael Coal Mine	
Assessment	
Black Throated Finch Management Plan (BTFMP)	<ul style="list-style-type: none"> 15 May 2019 – DES met with Adani to discuss BTFMP requirements. Adani did not provide written feedback prior to meeting as committed. Adani provided a tabled response at the meeting and propose to update based on meeting discussions, but did not provide any written comments to DES. 23 May 2019 – proposed meeting between DES and Adani to discuss BTFMP requirements. Adani committed to provide written feedback to DES concerns prior to meeting.
Groundwater Dependent Ecosystem Management Plan (GDEMP)	<ul style="list-style-type: none"> No update this week.
Groundwater Management and Monitoring Program (GMMP)	<ul style="list-style-type: none"> 20 May 2019 – proposed meeting between Adani and DES to discuss GMMP. DES to provide feedback on GMMP submitted on 9 April 2019 prior to meeting.
Moray Downs West Offset Area Management Plan (MDWOAMP)	<ul style="list-style-type: none"> No update this week.
Plan of Operations and Financial Assurance (FA)	<ul style="list-style-type: none"> The additional \$4,264,332.00 is to be provided to DES by 24 May 2019. Adani has indicated that bank deposit will be completed on 22 May 2019.
EA conditions	<ul style="list-style-type: none"> No update this week.

Compliance	
Formal Investigation	
	<ul style="list-style-type: none"> No current issues.
Construction of dewatering bores	<ul style="list-style-type: none"> 21 January 2019 – the draft Brief of Evidence in relation to the investigation was submitted to Litigation.
Annual Return disturbance area discrepancies	<ul style="list-style-type: none"> 1 April 2019 – the draft Brief of Evidence in relation to the investigation was submitted to Litigation.
Abbot Point	
Compliance & Litigation	
Caley Valley Wetlands (W1)	<p>Compliance:</p> <ul style="list-style-type: none"> 7 February 2019 – APBC contacted DES to advise of the commencement of a release of stormwater from an authorised release point at the Abbot Point Coal Terminal into the adjacent Caley Valley Wetland. APBC advised that the stormwater release occurred from a dam spillway as a result of rainfall associated with the monsoon trough. Departmental officers attended the site and collected samples at W1 (release point) on 8 February 2019. 12 February 2019 – DES received water quality results from sampling undertaken by Abbot Point Coal Terminal. The samples were collected by the operator from the release point into the Caley Valley Wetland on 7 February 2019. The results provided by the operator indicate the total suspended solids (TSS) in the sample to be 58 mg/L. The environmental authority (EA) imposes a maximum limit of 30 mg/L for TSS in water released from this release point. 13 February 2019 – DES received water quality results from sampling undertaken by departmental officers on 8 February 2019. The results indicate the TSS in the sample to be 33 mg/L. The EA imposes a maximum limit of 30 mg/L for TSS in water released from this release point. A copy of the sampling results has been provided to APBC. 15 February 2019 – DES issued a pre-enforcement (show cause) letter inviting APBC to make representations as to why enforcement action should not be taken by DES as a result of alleged non-compliance with the EA conditions. A response to the pre enforcement letter was received on Friday 1 March 2019.

	<ul style="list-style-type: none"> 25 March 2019 – DES issued APBC Ltd with a \$13,055 penalty infringement notice for breaching a condition of its EA in relation to the release of stormwater in February 2019. APBC elected to pay the fine in full and the payment was received on 18 April 2019. <p>Litigation:</p> <ul style="list-style-type: none"> No update this week.
W2 discharge point prosecution (Dingo Beach)	<p>Litigation</p> <ul style="list-style-type: none"> The matter has been listed for a five day hearing commencing 22 July 2019 before the Bowen Magistrates Court.
Pre-wet season preparedness 2018/19	<p>Compliance</p> <ul style="list-style-type: none"> No update this week.
Assessment	
Terminal 1 (existing) & Terminal 0 (yet to be constructed)	<ul style="list-style-type: none"> 16 May 2019 – DES has not received any amendment applications for T1 or T0.
Public Register	
<ul style="list-style-type: none"> 1 (one) new requests received for the period 3:00 pm Thursday 9 May to 3:30 pm Thursday 16 May 2019. PR19-199 EDO requesting copy of a complete copy of the most recent (or current) submitted plan of operations and annual return and evaluation. 	

Historical information is provided on the following pages.

HISTORICAL

Carmichael Coal Mine

Assessment

BTFMP	
	<ul style="list-style-type: none"> • Required by EA condition 16. • The BTFMP is required to be approved by the administering authority prior to commencement of Project Stage Two as per condition 16. • Project Stage Two is defined in the EA as: project activities, other than activities carried out under project stage 1, leading to the production of coal including: <ul style="list-style-type: none"> ◦ removal of existing structures, site clearance ◦ construction of access roads, potable water treatment and sewage treatment plants, new power plants, mine administrative buildings, water storage infrastructure and hardstanding ◦ removal and stockpiling of overburden and excavation of box cuts for open pit or underground mining ◦ commencement of dewatering operations. • Version 1 of the BTFMP was not submitted to DES. • 11 May 2017 – DES received BTFMP (version 2). • 6 July 2017 – DES provided comments on BTFMP to Adani. • 28 September 2017 – DES received BTFMP (version 3). • 10 November 2017 – DES provided comments on BTFMP to Adani. • 14 December 2017 – DES received BTFMP (version 4). • 16 December 2017 – DES received Commonwealth advice on BTFMP with respect to grazing. • 22 December 2017 – DES received a request from Adani to suspend the review of BTFMP. • 25 January 2018 – DES received BTFMP (version 5) • 6 February 2018 – meeting held between DES and Adani to discuss BTF habitat monitoring. • 9 March 2018 – DES received Commonwealth support for DES position on BTF habitat monitoring. • 16 March 2018 – DES held meeting with Adani to discuss BTF habitat monitoring requirements. • 30 April 2018 - Letter sent to Adani with DES position about BTF habitat monitoring. • 24 May 2018 – DES met with Adani to resolve residual BTF habitat monitoring issues. • 29 June 2018 – DES received BTFMP (version 6). • 19 July 2018 – DES and Commonwealth met with Adani to discuss review of BTFMP. • 2 August 2018 – DES sent Adani comments on BTFMP. • 2 November 2018 – Adani submitted BTFMP (version 7). • 3 December 2018 – Adani made minor amendments to BTFMP (version 7a).

	<ul style="list-style-type: none"> • 7 December 2018 – ESR requested independent scientific review of the BTFMP prior to approval. The review will extend the timeframe for the department's assessment of the BTFMP. • 13 December 2018 – the National Director of the National Environment Science Program's (NESSP) Threatened Species Recovery Hub (TSRH) agreed to lead the independent scientific expert panel review of the BTFMP. NOTE - while the panel includes members of the TSRH, the review is independent of the NESP TSRH. • 14 November 2018 – BCC (ESR) received correspondence from the Office of the Coordinator-General regarding imposed condition in Appendix 1, Section 3 (p 463) of the CG's Evaluation Report with respect to the BTFMP requirements. • 17 December 2018 – Adani made minor amendments to BTFMP (Version 7b). This is the most recent version. • 18 December 2018 – DES sent Adani a letter advising that DES had engaged an expert scientific panel review of the BTFMP. • 18 December 2018 – the Commonwealth approved the BTFMP. • 19 December 2018 – Adani wrote to DES requesting an explanation for the engagement of an expert scientific panel review of the BTFMP. • 24 December 2018 – DES sent Adani a response reiterating that the review will ensure a robust assessment. • 9 and 10 January 2019 – Emails received from Adani requesting a meeting to discuss the reasons and process for the independent review of the BTFMP. • 16 January 2019 – Meeting between DES and Adani to discuss the BTFMP independent review process. • 18 January 2019 – Terms of Reference for the BTFMP independent review provided to Adani at its request. • 18 January 2019 – Courier Mail reported that DES had engaged the Threatened Species Recovery Hub (TSRH) to complete the BTFMP independent review and questioned the appropriateness of its engagement. • 21 and 22 January 2019 – Adani provided DES two letters regarding the independent review panel members, and requested the independent review process be revoked. • 25 January 2019 – DES sent Adani a response to its letters of concern about the expert panel review of the BTFMP. • 29 and 30 January 2019 – DES received further correspondence from Adani with concerns about the expert panel review of the BTFMP. • 6 February 2019 – DES met with two members of the BTFMP review panel to receive summary of review's preliminary findings. • 6 February 2019 – DES met with Adani to convey summary of BTFMP review's preliminary findings. • 11 February 2019 – DES received draft review of BTFMP. • 12 February 2019 – DES provided draft review of BTFMP to Adani. • 15 February 2019 – DES received the final review report of the BTFMP by the independent expert panel.
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	<ul style="list-style-type: none"> • 18 February 2019 – DES provided the final review report to Adani. • 28 February 2019 – DES met with Adani to discuss the next steps for the assessment of the BTFMP. • 4 March 2019 – DES provided the BTFMP expert panel report to the Commonwealth. • 8 March 2019 – DES met with Adani to discuss BTFMP requirements. • 15 March 2019 – DES received Adani's submission on BTFMP review. • 21 March 2019 – DES met with Adani to discuss independent review of the BTFMP independent expert panel review report. • 26 March 2019 – DES had a teleconference with Adani to clarify the recommendations of its independent review (BAM) of the DES independent expert panel review of the BTFMP. DES is awaiting feedback from Adani before providing feedback on the latest version of the BTFMP. • 2 April 2019 - Adani sent a response to clarify recommendations in their review of the expert panel review of the BTFMP. • 9 April 2019 – DES had a teleconference with Adani to discuss BTFMP requirements. • 2 May 2019, DES provided Adani with letter and comments on BTFMP. • 2 May 2019, DES met with Adani to discuss GDEMP, GMMMP and BTFMP. • 10 May 2019, DES met with Adani to provide clarification on BTFMP requirements.
<p>GDEMP</p>	<ul style="list-style-type: none"> • Required by EA conditions I11 to I13 and EA definition. • The GDEMP is required to be approved by the administering authority prior to commencement of Project Stage Two as per condition I12. • Project Stage Two is defined in the EA as: project activities, other than activities carried out under project stage 1, leading to the production of coal including: <ul style="list-style-type: none"> ○ removal of existing structures, site clearance ○ construction of access roads, potable water treatment and sewage treatment plants, new power plants, mine administrative buildings, water storage infrastructure and hardstanding ○ removal and stockpiling of overburden and excavation of box cuts for open pit or underground mining ○ commencement of dewatering operations. • Versions 1 – 4 of the GDEMP were not submitted to DES. • 7 November 2016 – DES received GDEMP (version 5). • 15 December 2016 – DES provided comments on GDEMP. • Version 6 of the GDEMP was not submitted to DES. • 10 April 2017 – DES received GDEMP (version 7). • 30 May 2017 – DES provided comments on GDEMP.

- 28 September 2017 – DES received GDEMMP (version 8).
- 2 November 2017 – DES provided comments on GDEMMP.
- 15 December 2017 – DES received GDEMMP (version 9).
- 22 December 2017 – DES received a request from Adani to suspend the review of GDEMMP.
- 25 January 2018 – DES received GDEMMP (version 9 dated 18 January 2018).
- 6 March 2018 – DES sent Adani correspondence outlining its concerns with the GDEMMP.
- 23 March 2018 – Adani sent DES correspondence in response to DES comments of 6 March 2018.
- 5 April 2018 – DES sent Adani correspondence outlining the outstanding issues that includes a request for consideration of how information from the Australian Government's Bioregional Assessment: Lake Eyre Basin Springs Assessment would be used to confirm the source aquifer for the Doongmabulla Springs Complex.
- 13 July 2018 – DES received GDEMMP (version 9 dated 5 July 2018).
- 30 July 2018 – DES sent Adani preliminary feedback on the GDEMMP stating the source aquifer must be identified.
- 4 October 2018 – Adani sent DES correspondence outlining the research that has been undertaken to identify the source aquifer.
- 15 October 2018 – DES sent Adani comments on GDEMMP and additional information on source aquifer provided by Adani on 4 October 2018.
- 16 October 2018 – workshop between Adani, Commonwealth and DES to present government feedback on GDEMMP.
- 24 October 2018 – teleconference between Adani, Commonwealth and DES to clarify government feedback on GDEMMP.
- 7 November 2018 – meeting between Adani, DES and Commonwealth to discuss how Adani will address feedback on GDEMMP.
- 14 November 2018 – DNRME provided advice that there are still issues with the actual groundwater data on which the GDEMMP and GMMP are based and that these must be resolved prior to submission of the final versions of these documents.
- 15 November 2018 – meeting between Adani, DES and Commonwealth to clarify any outstanding issues with feedback and how feedback will be addressed in revised GDEMMP.
- 16 November 2018 – meeting between Adani, DES and Commonwealth to provide final feedback prior to GDEMMP submission.
- 19 November 2018 – Adani submitted GDEMMP (version 10).
- 20 November 2018 – DES sent GDEMMP to DNRME and DES Water Sciences for review.
- 20 November 2018 – Commonwealth briefed DES on the preliminary advice from CSIRO/GA on previous drafts of GDEMMP and GMMP plus additional information about groundwater conceptual model and Doongmabulla Springs Complex source aquifer.

	<ul style="list-style-type: none"> • 20 November 2018 – DES received preliminary CSIRO/GA advice from the Commonwealth. • 20 November 2018 - DES sought DNRME advice on CSIRO/GA preliminary advice. • 21 November 2018 – DNRME provided comments on CSIRO/GA preliminary advice indicating that some of the issues raised in the advice had been resolved in the EIS/SEIS assessment via IESC, DNRME and Adani agreement. • 21 November 2018 – DNRME communicated to DES that the bore data discrepancies had been resolved with Adani for one aquifer (Clematis), and that work on the next aquifer (alluvium) had commenced. • 21 November 2018 – DES and Commonwealth met with Adani and were advised that Adani had completed more research on source aquifer and had a 150 page report to submit. • 23 November 2018 – Commonwealth sent Adani the CSIRO/GA preliminary advice. • 27 November 2018 – DES, DNRME and the Commonwealth met with Adani to discuss a way forward with verification of bore water level data discrepancies. The water level data for bores in the Clematis aquifer has been verified by DNRME hydrologists. DES and the Commonwealth advised Adani that the review of the GDEMP could not be finalised until the water level data had been verified for all bores in all aquifers. • 11 December 2018 – the department received CSIRO/GA pre-Tranche 2 assessment report from the Commonwealth that highlighted further outstanding issues with the GDEMP and GMMP. • 13 December 2018 – Adani provided the department with a spreadsheet detailing the DNRME verification of 10 of the 81 bores groundwater water level data. • 14 December 2018 – the Commonwealth organised a teleconference/workshop to discuss the outstanding issues as raised by CSIRO/GA assessment report with CSIRO/GA, Adani, DES and DNRME. • 14 December 2018 – DES sent Adani correspondence stating that the review of the GDEMP and GMMP will not continue until all water levels for all bores in all aquifers have been verified and the CSIRO/GA assessment report issues were addressed. • 21 December 2018 – Adani provided DES with data from all bores for verification. • 21 December 2018 – DNRME emailed DES to say that of the 63 bores remaining, 30 require further investigation and are likely to require clarification with Adani/AECCOM. This information was relayed to Adani same day. • 21 December 2018 – DES provided feedback to date on submitted GDEMP to Adani to allow updates for resubmission in January 2019. • 9 January 2019 – Adani provided information to reconcile Dunda Bed water bore levels based on feedback from DNRME. • 10 January 2019 – the Dunda Bed water bore level reconciliation information was sent to DNRME for its advice. • 11 January 2019 – DNRME provided DES with a review summary of bore water level data and follow up actions/questions for Adani/AECCOM.
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	<ul style="list-style-type: none"> • 15 January 2019 – Meeting between DES, Adani and AECOM to confirm agreement on groundwater trigger level values. • 15, 16 & 17 January 2018 – Adani provided response to DES regarding DNRME review of bore water level data. Responses were sent to DNRME by DES. • 21 January 2019 – Adani were verbally advised that DNRME were not able to provide any further review advice relating to bore water level data, and that Adani should consider seeking peer review should further validation be required prior to formal submission. • 25 January 2019 – Commonwealth requested confirmation from DNRME (via DES) that the review of Adani's bore water level data has been completed. • 25 January 2019 – DNRME provided advice to DES reiterating that DNRME's initial review of the bore water level data has been completed. • 21 January 2019 – Adani advised DES that the GDEMMP submitted to the Commonwealth incorporates updated bore water level data but does not address all previous comments by CSIRO, Geoscience Australia and DES. Adani has acknowledged that a further submission of a final GDEMMP that addresses all comments is required, and will be provided in the near future. • 29 January 2019 – the Commonwealth advised DES that it has received an updated GDEMMP on 21 January 2019. • 29 January 2019 – the Commonwealth advised DES that the CSIRO and Geoscience Australia independent scientific review commenced on 25 January 2019. The review will be based on the most recent versions of the GDEMMP and Groundwater Management and Monitoring Program (GMMP) submitted to the Commonwealth. The independent scientific review is expected to take four weeks and be completed by 22 February 2019. • 1 February 2019 – the Commonwealth provided DES with a copy of their regulatory comments on version 10 of the GDEMMP, which they also provided to Adani on the same day. • 8 February 2019 – email sent to Adani attaching NMRME advice regarding groundwater level data validation. • 8 February 2019 – Commonwealth's response to NMRME regarding groundwater level data validation. • 22 February 2019 – the CSIRO and GA review was finalised. • 26 February 2019 – DES attended teleconference with Commonwealth to receive verbal summary of CSIRO/GA review findings. • 27 February 2019 – DES received a copy of the Commonwealth's requirements to Adani resulting from CSIRO/GA review findings. • 5 March 2019 – DES wrote to the Commonwealth requesting a copy of the CSIRO/GA review report. • 12 March 2019 – Minister Enoch wrote to Federal Minister Price on behalf of DES requesting a copy of the CSIRO/GA review report. • 13 March 2019 – DES received the Commonwealth's comments on the latest GDEMMP it has received.
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	<ul style="list-style-type: none"> • 9 April 2019 – the Federal Minister of the Environment approved the GDEMP. • 9 April 2019 – DES received updated GDEMP version (11b) from Adani. • 9 April 2019 – DES received a copy of the CSIRO/GA review of the GDEMP and GMMP, and will consider the review findings and the EA requirements before making a decision regarding approval of the GDEMP. • 2 May 2019, DES met Adani to discuss GDEMP, GMMP and BTFMP. • 10 May 2019, DES to meet with Adani to provide preliminary comments on GDEMP and GMMP, and details of the clarification DES require from CSIRO and Geoscience Australia. • 10 May 2019, DES met with Adani to provide clarification on BTFMP requirements and discuss timeframes for GDEMP and GMMP assessment. • 10 May 2019, DES sent letter to CSIRO and GA to seek clarification on certainty of the source aquifer for DSC.
<p>GMMP</p>	<ul style="list-style-type: none"> • Required by condition E4 of the EA. • The GMMP must be provided for approval no later than 90 days prior to commencement of box cut excavation. Box cut excavation is a Project Stage Two activity. • GMMP will provide the identification of groundwater drawdown level thresholds and trigger values for monitoring the impacts to Groundwater Dependent Ecosystems. It is the department's view this document is required in order to inform the approval of the GDEMP. • However, the GMMP is not required to be approved by DES prior to commencement of significant mining activities, but must be submitted to DES for approval 90 days prior to commencement of box cut excavation. • 10 August 2018 – a version of GMMP submitted. • 15 October 2018 – DES sent Adani comments on GMMP. • 16 October 2018 – workshop between Adani, Commonwealth and DES presenting government feedback on GMMP. • 19 October 2018 – document received from Commonwealth containing summary and actions from workshop and beyond for participants' review and agreement. • 24 October 2018 – teleconference between Adani, Commonwealth and DES to clarify government feedback on GMMP. • 25 October 2018 – teleconference between Adani, DES, Water Sciences and Adani consultants to clarify comments on GMMP. • 7 November 2018 – meeting between Adani, DES and Commonwealth to discuss how Adani will address feedback on GMMP. • 14 November 2018 – DNRME provided advice that there are still issues with the actual groundwater data on which the GDEMP and GMMP are based and that these must be resolved prior to submission of the final versions of these documents.

	<ul style="list-style-type: none"> • 28 November 2018 - Adani submitted a version of the GMMP to DES and the Commonwealth for approval. • 29 November 2018 – DES and the Commonwealth advised Adani that the review of the GMMP would not commence until all bore water level data has been verified. • 11 December 2018 – DES received CSIRO/Geoscience Australia pre-Tranche 2 assessment report from the Commonwealth that highlighted further outstanding issues with the GDEMP and GMMP. • 14 December 2018 – the Commonwealth organised a teleconference/workshop to discuss the outstanding issues as raised by CSIRO/GA assessment report with CSIRO/GA, Adani, DES and DNRME. • 14 December 2018 – DES sent Adani correspondence to state that the review of the GDEMP and GMMP will not continue until all water levels for all bores in all aquifers have been verified and the CSIRO/GA assessment report issues were addressed. • 21 December 2018 – Adani has provided DES with data from all bores for verification by DNRME. • 21 December 2018 – DNRME emailed DES to say that of the 63 bores remaining, 30 require further investigation and are likely to require clarification with Adani/AECOM. • 21 December 2018 – DES provided some feedback on submitted GMMP to Adani. • 9 January 2019 – Adani provided information to reconcile Dunda Bed water bore levels based on feedback from DNRME. • 10 January 2019 – the Dunda Bed water bore level reconciliation information was sent to DNRME for its advice. • 11 January 2019 – DNRME provided DES with a review summary of bore water level data and follow up actions/questions for Adani/AECOM. • 15 January 2019 – Meeting between DES, Adani and AECOM to confirm agreement on groundwater trigger level values. • 15, 16 & 17 January 2018 – Adani provided response to DES regarding DNRME review of bore water level data. Responses were sent to DNRME by DES. • 21 January 2019 – Adani were verbally advised that DNRME were not able to provide any further review advice relating to bore water level data, and that Adani should consider seeking peer review should further validation be required prior to formal submission. • 22 January 2019 – An updated GMMP was received by the department. This is the most recent version. • 25 January 2019 – Commonwealth requested confirmation from DNRME (via DES) that the review of Adani's bore water level data has been completed. • 25 January 2019 – DNRME provided advice to DES reiterating that DNRME's initial review of the bore water level data has been completed. • 29 January 2019 – the Commonwealth advised DES that the CSIRO and Geoscience Australia independent scientific review commenced on 25 January 2019. The review will be based on the most recent versions of the
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	<p>GDEM and Groundwater Management and Monitoring Program (GMMP) submitted to the Commonwealth. The independent scientific review is expected to take four weeks and be completed by 22 February 2019.</p> <ul style="list-style-type: none"> 22 February 2019 – the CSIRO and GA review was finalised. 26 February 2019 – DES attended teleconference with Commonwealth to receive verbal summary of CSIRO/GA review findings. 27 February 2019 – DES received a copy of the Commonwealth's requirements to Adani resulting from CSIRO/GA review findings. 5 March 2019 – DES wrote to the Commonwealth requesting a copy of the CSIRO/GA review report. 12 March 2019 – Minister Enoch wrote to Federal Minister Price on behalf of DES requesting a copy of the CSIRO/GA review report. 9 April 2019 – the Federal Minister of the Environment approved GMMP. 9 April 2019 – DES received a copy of the CSIRO/GA review of the GDEM and GMMP, and will consider the review findings and the EA requirements before making a decision regarding approval of the GMMP. 2 May 2019, DES met Adani to discuss GDEM, GMMP and BTFMP. 10 May 2019, DES to meet with Adani to provide preliminary comments on GDEM and GMMP, and details of the clarification DES require from CSIRO and Geoscience Australia. 10 May 2019, DES met with Adani to provide clarification on BTFMP requirements and discuss timeframes for GDEM and GMMP assessment.
<p>MDWOAMP</p>	<ul style="list-style-type: none"> Condition 11 requires that delivery of a land-based offset for Stage 1 must be provided by 2 February 2019 (which is 36 months from the date of issue of the EA). Approval of the MDWOAMP is not required prior to the commencement of significant mining activities. Approval of the MDWOAMP is a necessary prerequisite to the provision of a land-based offset. There is no statutory timeframe for departmental approval of the MDWOAMP 20 July 2018 – MDWOAMP submitted for Stage 1 activities as per the approved Biodiversity Offset Strategy (BOS) for the Carmichael Mine and Rail Project. 30 October 2018 – Adani submitted revised MDWOAMP for approval. 11 December 2018 – ESR received comments from CSS supportive of the approval of the MDWOAMP. 20 December 2018 – Adani submitted an updated MDWOAMP with changes as requested by the Commonwealth.

Plan of Operations and Financial Assurance	
	<ul style="list-style-type: none"> • 17 August 2018 – Adani submitted a replacement plan of operations for the period of 1 September 2018 to 31 August 2023 with no change in disturbance or FA. • 6 September 2018 – DES made a decision on the amount and form of financial assurance for Carmichael Coal Mine and issued a notice of decision to Adani. The amount of FA decided is the same as the amount currently held - \$3,082,503.36. • 21 November 2018 – Adani met with DES to discuss amendment of Plan of Operations. • 23 November 2018 – Adani submitted amended Plan of Operations to include additional disturbance for construction of infrastructure. <ul style="list-style-type: none"> ◦ Submission of a Plan triggers a decision on financial assurance (FA). ◦ The Plan must be consistent with the EA. ◦ An FA decision is not authorisation for disturbance, as disturbance is subject to any requirements of the EA, such as approval of the BTFMP and GDEMMP. • 19 December 2018 - FA decision was made. • 8 March 2019 – DES confirmed receipt of additional cash FA payment as a result of the 19 December 2018 FA decision. • 15 March 2019 - Adani submitted amended Plan of Operations (Plan) to include additional disturbance for construction of infrastructure. • On 5 April 2019, the department will make a decision on the amount and form of FA for Carmichael Coal Mine as \$15,824,063.00 (excl. GST, no discounts), for the period 5 April 2019 to 31 August 2023. • The existing bank guarantee (\$1,252,046.40) and existing cash deeds (\$1,830,456.96 and \$8,477,227.64) will remain in place and a new cash deed and payment will be prepared for the \$4,264,332.00 increase, raising the total FA held to \$15,824,063.00. • Adani Mining proposes activities in the amended Plan which are approved stage 1 project activities and activities which are stage 2 project activities. • Adani Mining have made it clear in the Plan that stage 2 project activities will not occur during the Plan period until the two management plans are approved. • An FA decision is not authorisation for disturbance, as disturbance is subject to any requirements of the EA, such as approval of the BTFMP and GDEMMP • On 5 April 2019 – DES decided to increase the FA for the Carmichael Coal Mine to \$15,824,063.00 (excl. GST, no discounts) in the form of cash, for the period ending 31 August 2023.

<p>EA Conditions</p>	<ul style="list-style-type: none"> • 29 October 2018 – DES provided advice regarding Adani's proposed amendments to the air conditions. • 8 November 2018 – DES provided Adani with advice as to the regulatory requirements necessary to amend the EA conditions for air. • 30 November 2018 – Adani provided information to initiate pre-lodgement discussions about a proposed amendment to the EA. • ESR continues to undertake pre-lodgement with Adani respect to proposed expansion of mine-affected water storage areas to allow for a temporary dam. • 17 December 2018 – Adani submitted an application to amend the EA for Carmichael Coal Mine. • The amendment proposes changes to the layout of site water storages and does not propose to increase the overall disturbance footprint of the mine. • 16 January 2019 – the Assessment Level Decision (ALD) for the amendment application was determined to be minor. • 31 January 2019 – DES approved the EA amendment application for Carmichael Coal mine. The minor amendment changes Table A1, Figure A1 and Figure F1 to show modifications to the disturbance footprint. • 10 May 2019, DES met with Adani for EA amendment pre-lodgement.
<p style="text-align: center;">Compliance</p>	
<p>Condition A13 – third party report on compliance</p>	<ul style="list-style-type: none"> • Condition A13 requires a report on compliance with conditions of the EA within one year of commencement of Stage 1 activities. • 4 October 2018 – A pre-enforcement letter was issued to Adani seeking representation as to why enforcement action should be taken by DES. • 12 October 2018 – Adani provided response to pre-enforcement letter to DES. • Report required by Condition A13 was received from Adani on 30 October 2018. • On 15 November 2018, the department issued a Warning Notice to Adani for an alleged contravention of the Environmental Protection Act 1994 for Adani Mining Pty Ltd's activities at the Carmichael Coal Mine (attached). The Warning Notice was issued for non-compliance with condition A13 of the Carmichael Coal Mine EA. • This matter is now closed.

<p>STP exceedance – May & June 2018</p>	<ul style="list-style-type: none"> • Exceedance of treated effluent release limits (notified on 20 September 2018). The releases were recorded in the months of May and June monitoring periods. Adani is required to test the quality of the effluent on a monthly basis. • 10 October 2018 – A pre-enforcement letter was issued to Adani seeking representation as to why an enforcement action should not be taken by DES. • 24 October 2018 – Adani provided a response to pre-enforcement letter to DES. • On 15 November 2018, the department issued two Warning Notices to Adani for an alleged contravention of the Environmental Protection Act 1994 for Adani Mining Pty Ltd's activities at the Carmichael Coal Mine (attached). The first Warning Notice was issued for non-compliance with condition G1 of the Carmichael Coal Mine EA. The second Warning Notice was issued for non-compliance with condition G3 of the Carmichael Coal Mine EA. • This matter is now closed.
<p>STP exceedance – 20 September 2018</p>	<ul style="list-style-type: none"> • Exceedance of treated effluent release limits (notified on 27 September 2018). The exceedance was recorded on 20 September 2018, but was received by Adani on 26 September 2018. • 10 October 2018 – A pre-enforcement letter was issued to Adani seeking representation as to why an enforcement action should not be taken by DES. • 24 October 2018 – Adani provided a response to pre-enforcement letter to DES. • 31 October 2018 – DES requested additional information to assist in deciding enforcement recommendation. • 1 November 2018 – Adani provided additional information as requested. • On 15 November 2018, the department issued a Warning Notice to Adani for an alleged contravention of the Environmental Protection Act 1994 for Adani Mining Pty Ltd's activities at the Carmichael Coal Mine (attached). The Warning Notice was issued for non-compliance with condition A4 of the Carmichael Coal Mine EA. • This matter is now closed.

Released

Formal Investigation

<p>Construction of dewatering bores</p>	<ul style="list-style-type: none"> • 10 September 2018 – the Formal Investigation Request was endorsed. • 13 September 2018 – DES undertook site visit and inspection where three of the six bore sites were inspected. • 8 October 2018 – DES issued an information request to the drilling company responsible for undertaking the construction of the bores in question at Carmichael Coal Mine. Information requested dates back as far as 2011 and includes contracts, tender specifications, bore data logs, letters, emails and related correspondence. • 15 October 2018 – Information was received by DES. Additional information was provided to DES on 22 October 2018. • A follow-up site inspection at Carmichael Coal Mine was undertaken on 7 and 8 November 2018. • A formal record of interview was conducted with the drilling contractor on 8 November 2018. • Investigators received a large number of documents from Adani's solicitors on Monday 19 November. • On 29 November 2018, DES issued an interview notification letter for an appropriate Adani representative to partake in a formal record of interview in respect to the alleged non-compliance with environmental authority (EA) conditions associated with the construction of dewatering bores at Carmichael Coal Mine. • On 30 November 2018, EDO provided new information to DES. • On 6 December 2018, a s465 Notice was issued to Adani, requiring a formal record of interview be provided by relevant company representatives (Llewellyn Lezar), in relation to the construction of dewatering bores at Carmichael Coal Mine. • The formal record of interview took place on 21 December 2018.
<p>Annual Return disturbance area discrepancies</p>	<ul style="list-style-type: none"> • Annual Return for 03/04/17 – 02/04/18 remains as being subject of formal investigation. • 18 September 2018 – Adani contacted DES to notify of an administrative error in the annual return submitted. • On 1 November 2018, DES issued a formal request to Adani for access to documents relating to the submission of the annual return. • On 19 November 2018, requested documents were provided by Adani. • On 21 November 2018, DES issued an interview notification letter for an appropriate Adani representative to partake in a formal record of interview in respect to the submission of the annual return for Carmichael Coal Mine. • On 27 November 2018, a response was received from Adani - no dates were offered for interview advising the matter was still under consideration. • On 27 November 2018, DES issued Adani with a s465 Notice requiring a formal record of interview be provided by relevant company representatives in relation to the submission of the annual return. The notice requested interview date of 5 December 2018.

	<ul style="list-style-type: none"> • On 28 November 2018, notification was received from Adani that 5 December 2018 was not suitable - earliest availability offered was 20 or 21 December 2018. • On 29 November 2018, a s465 Notice was re-issued to Adani requiring a formal record of interview be provided by relevant company representatives (Hamish Manzi), in relation to the submission of the annual return. • On 30 November 2018, EDO provided new information to DES. • The formal record of interview took place on 20 December 2018, however Hamish Manzi was not authorised to give interview as a representative of the company. • 4 January 2019, the department provided opportunity in writing for Adani to nominate a representative of the company who is authorised to give a record of interview. The nominated representative was requested to be provided to the department by 15 January 2019. Adani declined to nominate a representative authorised to give interview on behalf of the company. • 15 January 2019 – a s465 Notice was issued to Nathan Goodwin, Environment Superintendent, Mine Operations, requiring a formal record of interview be provided on 31 January 2019, in relation to the submission of the annual return. • 31 January 2019 – a formal record of interview was undertaken with Nathan Goodwin, Environment Superintendent, Mine Operations. • DES is reviewing the evidence collected to date and is compiling a Brief of Evidence. • DES is considering its response to the correspondence received on 28 February 2019. • 19 February 2019 – DES issued a section 465 Notice (representative) to Adani requiring a representative who is authorised to provide information on behalf of the company to participate in a formal record of interview on 1 March 2019. • 28 February 2019 – DES received a written response from Adani advising that legal representatives are not available to attend an interview on 1 March 2019 and proposing 8 March 2019 as a suitable alternative date for interview. • 15 March 2019 – DES sent Adani a letter of response, clarifying that DES requires a representative to attend a record of interview. • The interview requested by DES through the issue of a section 465 Notice (representative) on 19 February 2019 has not taken place to date. • DES has decided that a record of interview is no longer required from a representative who is authorised to provide information on behalf of the company. Adani will be advised that the section 465 Notice (representative) issued to Adani on 19 February 2019 is no longer in effect.
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Compliance & Litigation

<p>Caley Valley Wetlands (W1)</p>	<p>Compliance:</p> <ul style="list-style-type: none"> • 21 September 2018 – DES announced it will undertake its own environmental monitoring at the Caley Valley Wetlands, located adjacent to Abbot Point Bulkcoal Pty Ltd's coal terminal. • 30 and 31 October 2018 – Officers from DES attended site at the Caley Valley Wetland adjacent to Abbot Point Coal Terminal to undertake sampling activities within the wetland. • Abbot Point Bulkcoal Pty Ltd (APBC) was not significantly impacted by Ex Tropical Cyclone Owen. The site received approximately 50mm of rainfall and did not undertake any releases. • ESR Compliance Officers are on standby if required to be deployed to the site. • Sciences Division staff will be attending the Caley Valley Wetlands in the week ending 25 January 2019 to continue receiving environmental sampling. North Queensland Bulk Ports (NQBP) has been briefed as to the proposal for departmental officers to require access to the area to conduct this sampling (NQBP will provide escort). • Letters were distributed to all existing occupiers of the Coordinator-General owned land on Monday 24 December 2018, advising of the department's requirement to access the land. The existing occupiers to be notified include Abbot Point Bulkcoal Pty Ltd (APBC). • Science and Technology Division staff attended the Caley Valley Wetlands on 22 and 23 January 2019 to continue receiving environment sampling. • Science and Technology Division staff attended the Caley Valley Wetland on 5 and 6 March 2019, to continue receiving environment sampling. <p>Litigation:</p> <ul style="list-style-type: none"> • 21 September 2018 – the appeal by Abbot Point Bulkcoal Pty Ltd was finalised before the Planning and Environment Court, following a decision by DES to no longer pursue an environmental evaluation notice issued in September 2017.
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<p>W2 discharge point prosecution</p>	<p>Litigation</p> <ul style="list-style-type: none"> • 5 September 2018 – DES commenced prosecution proceedings against Abbot Point Bulkcoal Pty Ltd for one offence of contravening a condition of its Temporary Emissions Licence issued in March 2017. • 23 October 2018 – the matter was mentioned before the Bowen Magistrates Court. • 5 February 2019 – the matter was mentioned before the Bowen Magistrates Court.
<p>Pre-wet season preparedness 2018/19</p>	<p>Compliance</p> <ul style="list-style-type: none"> • Response received from APBC dated 2 November 2018 detailing works undertaken to date and underway upgrading and improving APBC water management infrastructure to mitigate potential future impacts arising from high intensity rainfall events. • DES (ED CaCQC) contacted APBC CEO by telephone on 16 November 2018 to discuss the content of the response and to arrange a visit to Abbot Point Coal Terminal to view the improvements to water management on site. • On 13 December 2018, the Executive Director (CaCQC) and Program Manager Compliance (CaCQC) attended a meeting at Abbot Point Coal Terminal with Dwayne Freeman (CEO) and Samantha Evans (Manager HSE). During the meeting, APBC provided an overview of operations at the coal terminal and a detailed briefing on the water management system improvements being implemented at the site. APBC has invested significantly in undertaking major upgrades to the water management system on site. The upgrades are intended to provide the site with additional immunity in relation to rainfall events (reduced likelihood of requirement to make releases from the site). • Upgrades to the water management system include: <ul style="list-style-type: none"> ○ increased storage capacity within the water management system through enlargement and desilting of storages; ○ reduced rainfall catchment areas providing inflows to the water management system (diversion of clean runoff away from site); ○ increased pumping capacities for transfer of water around the water management system (additional pumps installed in key locations); ○ improved removal of sediment/coal fines from the water management system through engineering solutions designed to maximise detainment time within sediment dams (finger bunds constructed within existing sediment dams); ○ improved control of releases from site through repairs and upgrades to existing structures (repairs to failures and installation of armoured spillways on bund walls).

Assessment

<p>Terminal 1 (existing) & Terminal 0 (yet to be constructed)</p>	<ul style="list-style-type: none"> • T1 and T0 are located at the Port of Abbot Point in the Abbot Point State Development Area (APSDA), which is approximately 25 km north-west of Bowen in Central Queensland. • T0 is located immediately adjacent to the east of existing T1. • T1 EA EPPR00577113 is held by Abbot Point Bulkcoal Pty Ltd. • T0 EA EPPR03180115 is held by Adani Australia Coal Terminal Pty Ltd, and was approved on 7 December 2015, but does not take effect until the commissioning of the activity (which has not yet occurred). • 2 October 2018 – the Office of the Coordinator-General (CG) approved applications for material change of use at T1 and T0 port facilities in the APSDA. • The port's combined throughput remains capped at 90 million tonnes per annum (Mtpa), however 10Mtpa throughput was transferred from T1 to T0. This results in an increase to 60Mtpa throughput at T1 and decrease to 30Mtpa throughput at T0. • The CG's approval for T1 included conditions that require additional information to be provided to DES in an EA application to demonstrate: <ul style="list-style-type: none"> ○ How the additional water use will not result in additional water releases from the operation and so that impacts to receiving environments can be evaluated and understood; and ○ What the potential impact from the quality of the additional water source have on receiving environments so that impacts to receiving environments and be evaluated and understood. • The respective EAs for both T1 and T0 limit the throughput at each terminal by way of conditions. Therefore, EA amendment applications must be lodged with DES to reflect and authorise the throughput changes.
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Released

Public Register

- One (1) request on 17 July 2018 for Adani GDEMPP from Lock the Gate Alliance (ref: 18-267).
- One (1) request on 13 August 2018 for Adani GDEMPP from ABC – Specialist Reporting Team (ref: 18-309).
- Five (5) requests on 20 August 2018 from Environmental Defenders Office (Qld) Inc.
- One (1) request on 21 August 2018 from Environmental Defenders Office (Qld) Inc. (ref: 18-323).
- Two (2) requests on 22 August 2018 from Environmental Defenders Office (Qld) Inc.
- One (1) request on 6 September 2018 from Environmental Defenders Office (Qld) Inc. (ref: 18-340).
- One (1) request on 10 September 2018 from Environmental Defenders Office (Qld) Inc. (ref: 18-321).
- One (1) request on Wednesday 26 September 2018 from Environmental Defenders Office (Qld) Inc. (ref: 18-360)
- One (1) request on 5 October 2018 from Environmental Defenders Office (Qld) Inc. (ref: 18-373).
- One (1) request on 15 October 2018 from Environmental Defenders Office (Qld) Inc. (ref: 18-325).
- One (1) request on 20 November 2018 from Environmental Defenders Office (Qld) Inc. (ref: 18-443).
- Three (3) requests for the period 3:31pm Thursday 22 November 2018 to 3:30pm Thursday 29 November 2018.
- Two (2) requests on 6 December 2018 (re 18-463) and 12 December 2018 (re 18-483) from Environmental Defenders Officer (Qld).
- One (1) request on 15 January 2019 from the Environmental Defenders Office (Qld) Inc. (ref: 19-017).
- Two (2) requests received for the period 3:00 pm Thursday 7 February to 3:30 pm Thursday 14 February 2019.
- One (1) new requests received for the period 3:00 pm Thursday 15 March to 3:30 pm Thursday 22 March 2019.
- Two (2) new requests received for the period 3:00 pm Thursday 4 April to 3:30 pm Thursday 11 April 2019.
- One (1) new requests received for the period 3:00 pm Thursday 26 April to 3:30 pm Thursday 2 May 2019.

Released under the
Official Information Act

Justin Carpenter

From: WELLS Melissa <Melissa.Wells@des.qld.gov.au>
Sent: Wednesday, 22 May 2019 5:18 PM
To: Elizabeth Fellows
Cc: Justin Carpenter; ELLWOOD Dean; Jamie Merrick (DES)
Subject: FW: BTFMP
Attachments: BTFMP DES feedback response v5 21May19.pdf

Hi Liz as requested.

Kind regards,
Melissa.



Queensland
Government

Melissa Wells
Executive Director
Coal and Central Qld Compliance
Department of Environment and Science

P 07 4987 9343

99 Hospital Road, Emerald QLD 4720
PO Box 3028, Emerald QLD 4720

From: [redacted]@adani.com.au>
Sent: Tuesday, 21 May 2019 2:04 PM
To: WELLS Melissa
Cc: MCCOSKER Juliana; [redacted]
Subject: BTFMP

Dear Melissa,

In advance of this Thursday's discussion, please see attached Adani's response to the DES Comments on the BTFMP Version 7b.

Kind regards,

[redacted]
[redacted]
Head - Environment & Sustainability

E [redacted]@adani.com.au

P office: +61 7 3223 4800 | direct: [redacted]

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Pages 118 through 124 redacted for the following reasons:

Exempt Sch.3(8)(1) Breach of confidence

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