MECS
(CTS NO. 04796/15)
FINALISED
(EHP - MINISTER)

CTS No: 04796/15 *Currently Assigned To:* EHP - Minist *DUE:* 10/04/15

Concerning: Yatala / Ormeau / dust monitoring / request for installation of dust monitoring stations / capable of detecting silica / asbestos levels / Yatala Residents Alliance / monitoring to include respirable silica fraction of PM 2.5 dust / monitoring of quarries in area

Templates: EHP - Min Brief an

Campaign:

Security Classification: EHP - Unrestricted

Ack Letter Template:

Organisational Entity: EHP

CLIENTS (2)

Role	*Name*	*Client Type*	*Organisation/Company*	*Post code*	*Locality*	*Primary*
Original Correspondent	Personal	ORG - Organisation/Entity	Yatala Residents Alliance Committee			Yes
Original Correspondent		ORG - Organisation/Entity	Yatala Residents Alliance	4207		No

ACKNOWLEDGEMENT LETTER DETAILS

Reply to Name: *Position:*

Reply To Org:

Reply to Address:

Regarding: request for dust monitoring in Yatala and Ormeau area

DEPARTMENTAL DETAILS

Business Area: EHP - ESR IaDaSQC *Business Unit:* SQC - Gold Coast

Business Sub Unit:

Action Type: Min - Request for Reply a

Redraft Reason:

Executive Contact: Corro EHP ESR IaDaSQ *Agency Author:* IMMISCH Zoe

Click for Attachments (5 of 7)
View BC letter to Deputy Premier
View Letter to
(6) Personal info
signed by Minister Miles
View Briefing note noted by Minister Miles 27/04/15
View Brief and Attachment 1 - Letter o the Yatala
View BN endorsed by the DG and hardcopy delivered to

Related Correspondence (5 of 8)
03725/15 - Letter from Yatala Residents Alliance (YRA) to DG**05231/15** - Yatala Residents Alliance / request for industry**04835/15** - Yatala / Ormeau / request for bio-aerosol**06311/15** - Yatala / request for bio-aerosol monitoring at**06326/15** - Yatala / prevent noxious/special industry

My Recently Opened Items

73 irrelevant informati

ant i**/15640/16** - Yatala Residents Alliance / air pollution / dust elevant infor

irrelevant informa

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INVOLVEMENT DETAILS

COMMENTS

DATES

Created:	19/03/15	*Dated:*	08/03/15
Received:	19/03/15		
Draft Due to EHP - Minister:	10/04/15	*Draft Received by EHP - Minister:*	10/04/15
		Date Sent for Signoff:	10/04/15
Due Signatory:		*Sent for Redraft:*	
Signed:		*Finalised:*	27/04/15
YOUR DUE DATE:	10/04/15	*EC Officer Allocated:*	20/03/15

GENERAL DETAILS

External Reference No:		*Thesaurus No:*	
Classification:	Seeking Information	*Locality:*	4000-4209 South East -
Action Within:			

Date request received by Dir ED GM		*Date due back to Dir ED GM*	
Date draft received by Dir ED GM		*Date draft sent to EMT member*	
Draft rejected by Dir ED GM	Yes ○ No ○	*Date given to Policy Advisor*	
Date given to Chief of Staff		*Date given to Minister*	

SIGNATORIES

Select the next Signatory:		*Due Date:*	
Date Submitted:		*Date Received:*	28/04/15

Current Signatories

Signatory	*Due Date*	*Date Completed*	*Submitted To*	*Received From*
EHP - Minister	28/04/15	10/04/15	28/04/15	

Default Signatories

Signatory	*Response Due*

INPUT OFFICERS

Pending Input Officers

For Input	*Details*

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:elea

INFORMATION OFFICERS

Pending Information Officers

For Information	*Details*

COMMENTS LIST

Date Added	*Added By*	*COMMENT HISTORY*
29/04/15 15:29	LANDS\ditullt	Brief noted by DDG ESR with comment to keep Minister informed. Brief returned to IDSQC for noting/filing.
29/04/15 12:54	LANDS\ditullt	Brief collected fwd to DDG ESR for noting.
28/04/15 11:46	LANDS\UferC	Workflow was CCd to Corro EHP DG;Corro EHP ESR IaDaSQC for Information by UFER Cathy (who was acting for: EHP - Minister) with the following instructions: Please note Minister's comment to please keep him informed - copy provided to DG's office
28/04/15 11:38	LANDS\UferC	Finalised by UFER Cathy (who was acting for: EHP - Minister) Briefing note noted by MInister Miles 27/04/15, scanned copy attached. Letter to 4(6) Personal in signed by Minister Miles 27/04/15, scanned copy attached. Letter posted 28/04/15. BC letter to Deputy Premier emailed 28/04/15 with attachments scanned copy attached. Original paperwork available for collection from Level 13 MECU
28/04/15 08:54	LANDS\MallouhiJ	BN Noted by Minister and letters signed. Hardcopy returned to MECU.
14/04/15 11:16	LANDS\RichardsC	Receipt acknowledged in Sign Off by RICHARDS Claire (who was acting for: EHP - Minister) BN and draft reply received in Minister's office. Handed to PA Danielle Cohen on 14/4/2015
10/04/15 14:25	LANDS\GardinerD1	Item was submitted for Sign Off to EHP - Minister Briefing note and letter submitted for Min Miles' signature.
10/04/15 12:29	LANDS\GEORGAM	GEORGA Margaret (who was acting for: Corro EHP DG) (EC)Approved Workflow Item. Bn & Attachments endorsed by the DG and hardcopy delivered to MECU. Thanks Margaret
08/04/15 14:30	LANDS\KERRIDGE_AT	Allocation Due Date for EHP - Minister changed from 08/04/15 to 10/04/15. All relevant due dates automatically changed by 2 working days extension at request of Office of DG with DG for approval but DG unavailable today
08/04/15 10:36	LANDS\MallouhiJ	Hardcopy received and submitted to DG for consideration
07/04/15 15:41	LANDS\ditullt	Workflow was CCd to GEORGA Margaret for Information by DI TULLIO Tonina (who was acting for: Corro EHP ESR DDG) with the following instructions:
07/04/15 15:41	LANDS\ditullt	Approval applied for by DI TULLIO Tonina (who was acting for: Corro EHP ESR DDG) to Corro EHP DG. Hi Marg, attached MIN BN and response letter to YRA endorsed by DDG ESR, hard copy follows, thank you. (Note: due to MECU 8/4).
02/04/15 11:19	LANDS\ditullt	Workflow was CCd to Corro EHP ESR IaDaSQC for Information by DI TULLIO Tonina (who was acting for: Corro EHP ESR DDG) with the following instructions: Printed from MECS for approval, thank you
02/04/15 09:35	LANDS\CanavanM	Approval applied for by CANAVAN Maria (who was acting for: Corro EHP ESR IaDaSQC) to

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Date Added	*Added By*	*COMMENT HISTORY*
		Corro EHP ESR DDG. Endorsed by the ED. Please use version marked "ED endorsed" when making any amendments. Thanks, Maria.
01/04/15 13:58	LANDS\ditullt	Rejected for Rework by DI TULLIO Tonina (who was acting for: Corro EHP ESR DDG) to Corro EHP ESR IaDaSQC Hi Maria, returning as discussed, thank you, Tonina
01/04/15 11:00	LANDS\GEORGAM	Workflow approval Rejected by GEORGA Margaret (who was acting for: Corro EHP DG) to Corro EHP ESR DDG. Hi Tonina - rejecting as discussed. Thanks Margaret
01/04/15 10:55	LANDS\CanavanM	Letter and BN amended to combine letters from CTS 03725/15 and CTS 04835/15. Printed for ED endorsement.
31/03/15 14:35	LANDS\ditullt	Workflow was CCd to GEORGA Margaret for Information by DI TULLIO Tonina (who was acting for: Corro EHP ESR DDG) with the following instructions:
31/03/15 14:35	LANDS\ditullt	Approval applied for by DI TULLIO Tonina (who was acting for: Corro EHP ESR DDG) to Corro EHP DG. Hi Margaret, attached MIN BN endorsed by DDG ESR, hard copy follows, thank you. (Note: relates to 04835/15 and 03725/15).
30/03/15 14:19	LANDS\ditullt	Workflow was CCd to Corro EHP ESR IaDaSQC for Information by DI TULLIO Tonina (who was acting for: Corro EHP ESR DDG) with the following instructions: Printed from MECS for approval, thank you
30/03/15 13:29	LANDS\CanavanM	Approval applied for by CANAVAN Maria (who was acting for: CONNOR Andrew) to Corro EHP ESR DDG. NOTE: progress with CTS 03725/15 and CTS 04835/15. Endorsed by the ED. Please use version marked "ED endorsed" when making any amendments. Thanks, Maria.
27/03/15 14:23	LANDS\CanavanM	Approval applied for by CANAVAN Maria (who was acting for: Corro EHP ESR IaDaSQC) to CONNOR Andrew. Printed for ED endorsement.
27/03/15 14:22	LANDS\CanavanM	Approval applied for by CANAVAN Maria (who was acting for: HERTSLET Bryce) to Corro EHP ESR IaDaSQC. Endorsed for Program Manager.
26/03/15 13:38	LANDS\CanavanM	Approval applied for by CANAVAN Maria (who was acting for: Corro EHP ESR IaDaSQC) to HERTSLET Bryce. Hi Bryce, QA complete. Due to Corro EHP ESR IadaSQC by 10am 01/04/2015. Thanks, Maria.
26/03/15 11:06	LANDS\CanavanM	LANDS\CanavanM deleted attachment(s) with the following description(s) : (1) Brief and Letter;.
25/03/15 17:48	LANDS\gloskob	Approval applied for by GLOSKO Brett (who was the CAP) to Corro EHP ESR IaDaSQC. For QA please
25/03/15 11:00	LANDS\helyerz	Approval applied for by IMMISCH Zoe (who was the CAP) to GLOSKO Brett. See attached Min. response letter and brief. Also see attached letter to p4(6) Personal infc for information only.
23/03/15 15:34	LANDS\helyerz	Responsibility Accepted by IMMISCH Zoe (who was the CAP) for Response for EHP - Minister.
20/03/15 16:18	LANDS\gloskob	Allocated to IMMISCH Zoe by GLOSKO Brett (who was the CAP) for Response for EHP - Minister.
20/03/15 16:11	LANDS\CanavanM	Workflow was CCd to SPENCE Samantha;HERTSLET Bryce for Information by CANAVAN Maria (who was acting for: Corro EHP ESR IaDaSQC) with the following instructions:
20/03/15 16:11	LANDS\CanavanM	Allocated to GLOSKO Brett by CANAVAN Maria (who was acting for: Corro EHP ESR IaDaSQC) for Response for EHP - Minister. Hi Brett, as discussed, please provide a BN and letter for Minister Miles. Due to Corro EHP ESR IaDaSQC by 3pm 31/03/2015. Thanks, Maria.

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Date Added	*Added By*	*COMMENT HISTORY*
20/03/15 15:32	LANDS\UferC	Allocated to Corro EHP ESR IaDaSQC by UFER Cathy (who was acting for: EHP - Minister) for Response for EHP - Minister. Prepare Briefing note and letter for Minister Miles - due to MECU by 8/04/15
19/03/15 10:06	LANDS\UferC	Item created by UFER Cathy

frmFinalisedItemSuper - 4.51.2103.0

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When the MECS item has been completed there may be a business need to save all the finalised attachments into eDOCS within the relevant business area file.

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CTS No. 04796/15

Brief Requested by Mins Office

CoS / Advisor .....Endorsed

Date ...../...../....

Department of Environment and Heritage Protection
MINISTERIAL BRIEFING NOTE

SUBJECT: Ormeau and Yatala Quarry Operations

☐ Approved ☐ Not Approved ☐ Noted ☐ Further information required (see comments)	Minister ..... Date ...../...../.... Comments:

RECOMMENDATION ***Action Required by***: 10 April 2015

1. It is recommended the Minister:
   - **sign** the letter to h4p4(6) Personal inform Coordinator, Yatala Residents Alliance (YRA) (**Attachment 1**).
   - **note** the following information.

BACKGROUND

2. On 8 March 2015, YRA wrote three separate letters to the Minister requesting dust monitoring in the Yatala/Ormeau area, bioaerosol monitoring and Industry separation distances to be reinstated. YRA also wrote to the Director-General of the Department of Environment and Heritage Protection (EHP).
3. On 11 December 2014, members of YRA wrote to EHP about the release of respirable crystalline silica dust (and asbestos, a silicate mineral) from quarry operations. EHP responded on 12 January 2015 (**Attachment 2**).
4. Based on EHP investigations and technical advice from the Department of Science, Information Technology and Innovation (DSITI), an air quality investigation to monitor for crystalline silica with the Ormeau/Yatala region will be established. This monitoring campaign seeks to detect the worst case scenario for dust deposition, including crystalline silica, in order to establish whether crystalline silica dust levels within the community exceed the recommended exposure standards for community health. In order to establish peak community exposure, the monitoring needs to occur outside times of peak rainfall. It is anticipated that the monitoring program will occur between June and October 2015.

ISSUES

5. Silica is a naturally occurring compound prevalent throughout the Earth's crust with the potentially harmful form of crystalline silica (free silica) representing only a fraction of the total silica content. However, the quarries located within the Ormeau/Yatala region have a high proportion of crystalline silica (approximately 37%).
6. There are currently six significant quarry operations within the Ormeau/Yatala area, all of which generate dust from their operations.
7. Repeated and prolonged exposure over many years to relatively high concentrations (or short-term exposure to extremely high concentrations) of crystalline silica can cause silicosis (lung disease).
8. Currently there is no Queensland Environmental Protection Policy Air quality objective or national ambient air quality guideline for crystalline silica. The Victorian Government's Protocol for Environmental Management for Mining and Extractive Industries criterion for crystalline silica is based on the Californian Office of Environmental Health Assessment chronic inhalation Reference Exposure Level of 3µg/m^3 for respirable crystalline silica, for community exposures (measured in the $PM_{2.5}$ fraction). This limit will be used to establish whether crystalline silica dust poses a risk to the community.
9. EHP is unable to impose bioaerosol monitoring on the relevant facilities under their current approvals. However EHP has investigated options for conducting screening level bioaerosol monitoring within the Yatala area. The proposed monitoring program will assist in determining the concentrations of bioaerosols and potential risk to sensitive receptors. The viability, timing and duration of this monitoring will be decided after further consultation with DSITI and the Queensland University of Technology.
10. Local government planning schemes (to reinstate industry separation distances) fall within the portfolio responsibilities of the Honourable Ms Jacklyn Trad MP, Deputy Premier, Minister for Transport, Minister for Infrastructure, Local Government and Planning and Minister for Trade.

RISKS

11. There are no risks associated with this brief.

FINANCIAL IMPLICATIONS

12. Funding for the monitoring programme will be sourced from DSITI's base funding arrangements.

CONSULTATION

13. EHP has consulted DSITI, Cement Concrete and Aggregates Australia and state quarry representatives.

COMMUNICATION

14. YRA to be kept informed of impending monitoring arrangements and presented with investigation report upon completion.

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ATTACHMENTS

Attachment 1. Letter to p4(6) Personal info Coordinator, Yatala Residents Alliance.
Attachment 2. Departmental letter to members of YRA dated 12 January 2015.

Author	Branch Endorsement	Division Endorsement	Director-General Endorsement
Name: Zoe Immisch Position: Principal Environmental Officer Tel No: 5583 2132 Date Drafted: 25/03/2015	Name: Andrew Connor Position: ED, IDSQC Tel No: 3330 6335 Date Endorsed: 02/04/2015	Name: Dean Ellwood Position: DDG, ESR Tel No: 3330 5628 Date Endorsed:	Name: Jon Black, DG, EHP Tel No: 3330 6298 Signed ....Person..... Date 8/4/15

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Ref CTS 04796/15

B/C Chief of Staff to the
Honourable Jackie Trad MP
Deputy Premier, Minister for Transport,
Minister for Infrastructure, Local Government and
Planning and Minister for Trade
PO Box 15009
CITY EAST QLD 4002

Referred by direction for direct reply. Copy of the inwards correspondence is attached.

sch4p4(6) Personal informati
Coordinator
Yatala Residence Alliance Committee
PO Box 445
BEENLEIGH QLD 4207

Philip Halton
Chief of Staff

Dear 4(6) Personal inf

Thank you for your letters of 8 March 2015 concerning the request for dust monitoring in the Yatala and Ormeau area, monitoring of bioaerosols at composting and mulching activities in the Yatala area and industry separation distances to be reinstated. I note that you have also written to the Director-General of the Department of Environment and Heritage Protection (EHP) concerning the bioaerosols monitoring and I am pleased to respond on his behalf.

In December 2014, EHP received similar correspondence from members of the Yatala Residents Alliance (YRA) regarding dust from quarrying operations. Specifically, concerns were raised regarding the impact of respirable crystalline silica (and asbestos) on the surrounding community.

I am advised that EHP commenced investigation into the issues raised and subsequently sought technical assistance from the Air Quality Sciences Unit of the Department of Science, Information Technology and Innovation (DSITI). A dust monitoring investigation will be conducted in the Yatala and Ormeau area. This monitoring campaign will be conducted by DSITI and will focus predominately on crystalline silica.

It is anticipated that the investigation will be established over a period of several months representative of the worst possible dust conditions experienced by the community. This will determine whether the crystalline silica dust levels experienced during peak exposure exceed the environmental health standards recommended for community health (3µg/m^3). As such, the installation of monitoring equipment will be scheduled outside of peak rainfall periods and it is anticipated that monitoring will occur between June and October 2015.

With respect to your concerns regarding the dust limits placed within Environmental Authorities, the 25µg/m^3 limit you have referred to is for the $PM_{2.5}$ fraction of dust detected within a 24 hour period and is established in accordance with the Environmental Protection (Air) Policy 2008 (EPP Air). Currently there is no Queensland EPP Air quality objective or national ambient air quality guideline for crystalline silica. The 3µg/m^3 for respirable crystalline silica limit you refer to comes from the Victorian Government's Protocol for Environmental Management for Mining and Extractive Industries criterion for crystalline silica, which is based on the Californian Office of Environmental Health Assessment chronic inhalation Reference Exposure Level for the respirable crystalline silica component only, which is measured within the $PM_{2.5}$ fraction.

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As per previous correspondence to the Yatala Residents Alliance, EHP is unable to impose bioaerosol monitoring on the relevant facilities under their current approvals.

EHP has however, also investigated options for conducting screening level bioaerosol monitoring within the Yatala area. The proposed monitoring program will assist in determining the concentrations of bioaerosols and potential risk to sensitive receptors. The viability, timing and duration of this monitoring will be decided after further consultation with DSITI and the Queensland University of Technology (QUT).

The proposed monitoring will provide particulate and bioaerosol ambient air quality concentrations which can be compared against the relevant existing standards. Monitoring at the source and downwind locations will be conducted when emissions are expected to be at maximum rates. The result of this screening level monitoring will be used by EHP to determine potential risk and trigger any future monitoring that may be required.

With regard to your request for industry separation distances to be reinstated, I am advised that local government planning schemes fall within the portfolio responsibilities of the Honourable Ms Jackie Trad MP, Deputy Premier, Minister for Transport, Minister for Infrastructure, Local Government and Planning and Minister for Trade. As such, a copy of your correspondence has been passed on to her with a request that a reply be forwarded to you at the earliest opportunity.

I hope this information is of assistance to you. Should you have any further enquiries, please contact my Chief of Staff, Mr Philip Halton on 3719 7330.

Yours sincerely

DR STEVEN MILES MP
Minister for Environment and Heritage Protection and
Minister for National Parks and the Great Barrier Reef

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CTS No. 04796/15 **Brief Requested by Mins Office**

CoS / Advisor ……..……..……Endorsed

Date ……/……./….

Department of Environment and Heritage Protection
MINISTERIAL BRIEFING NOTE

SUBJECT: Ormeau and Yatala Quarry Operations

☐ Approved ☐ Not Approved ☐ Noted ☐ Further information required (see comments)	Minister …… Date ……/……./…. Comments:

RECOMMENDATION ***Action Required by***: There is no specific timeframe required.

1. It is recommended the Minister:
   - **sign** the letter to h4p4(6) Personal informa Coordinator, Yatala Residents Alliance (YRA) (**Attachment 1**).
   - **note** the following information.

BACKGROUND

2. On 8 March 2015, YRA wrote three separate letters to the Minister requesting dust monitoring in the Yatala/Ormeau area, bioaerosol monitoring and Industry separation distances to be reinstated. YRA also wrote to the Director-General of the Department of Environment and Heritage Protection (EHP).
3. On 11 December 2014, members of YRA wrote to EHP about the release of respirable crystalline silica dust (and asbestos, a silicate mineral) from quarry operations. EHP responded on 12 January 2015 (**Attachment 2**).
4. Based on EHP investigations and technical advice from the Department of Science, Information Technology and Innovation (DSITI), an air quality investigation to monitor for crystalline silica with the Ormeau/Yatala region will be established. This monitoring campaign seeks to detect the worst case scenario for dust deposition, including crystalline silica, in order to establish whether crystalline silica dust levels within the community exceed the recommended exposure standards for community health. In order to establish peak community exposure, the monitoring needs to occur outside times of peak rainfall. It is anticipated that the monitoring program will occur between June and October 2015.

ISSUES

5. Silica is a naturally occurring compound prevalent throughout the Earth's crust with the potentially harmful form of crystalline silica (free silica) representing only a fraction of the total silica content. However, the quarries located within the Ormeau/Yatala region have a high proportion of crystalline silica (approximately 37%).
6. There are currently six significant quarry operations within the Ormeau/Yatala area, all of which generate dust from their operations.
7. Repeated and prolonged exposure over many years to relatively high concentrations (or short-term exposure to extremely high concentrations) of crystalline silica can cause silicosis (lung disease).
8. Currently there is no Queensland Environmental Protection Policy Air quality objective or national ambient air quality guideline for crystalline silica. The Victorian Government's Protocol for Environmental Management for Mining and Extractive Industries criterion for crystalline silica is based on the Californian Office of Environmental Health Assessment chronic inhalation Reference Exposure Level of 3µg/m^3 for respirable crystalline silica, for community exposures (measured in the $PM_{2.5}$ fraction). This limit will be used to establish whether crystalline silica dust poses a risk to the community.
9. EHP is unable to impose bioaerosol monitoring on the relevant facilities under their current approvals. However EHP has investigated options for conducting screening level bioaerosol monitoring within the Yatala area. The proposed monitoring program will assist in determining the concentrations of bioaerosols and potential risk to sensitive receptors. The viability, timing and duration of this monitoring will be decided after further consultation with DSITI and the Queensland University of Technology.
10. Local government planning schemes (to reinstate industry separation distances) fall within the portfolio responsibilities of the Honourable Ms Jacklyn Trad MP, Deputy Premier, Minister for Transport, Minister for Infrastructure, Local Government and Planning and Minister for Trade.

RISKS

11. There are no risks associated with this brief.

FINANCIAL IMPLICATIONS

12. Funding for the monitoring programme will be sourced from DSITI's base funding arrangements.

CONSULTATION

13. EHP has consulted DSITI, Cement Concrete and Aggregates Australia and state quarry representatives.

COMMUNICATION

14. YRA to be kept informed of impending monitoring arrangements and presented with investigation report upon completion.

FOR RTI DISCLOSURE

ATTACHMENTS

Attachment 1. Letter to p4(6) Personal infor Coordinator, Yatala Residents Alliance.
Attachment 2. Departmental letter to members of YRA dated 12 January 2015.

Author	**Branch Endorsement**	**Division Endorsement**	**Director-General Endorsement**
Name: Zoe Immisch Position: Principal Environmental Officer Tel No: 5583 2132 Date Drafted: 25/03/2015	Name: Andrew Connor Position: ED, IDSQC Tel No: 3330 6335 Date Endorsed: 02/04/2015	Name: Dean Ellwood Position: DDG, ESR Tel No: 3330 5628 Date Endorsed:	Name: Jon Black, DG, EHP Tel No: 3330 6298 Signed ……..… Date ……/……./….

EHP RTI DL Release

CTS No. 04796/15

Brief Requested by Mins Office

CoS / Advisor .....Endorsed

Date ...../...../....

Department of Environment and Heritage Protection
MINISTERIAL BRIEFING NOTE

SUBJECT: Ormeau and Yatala Quarry Operations

☐ Approved ☐ Not Approved ☑ Noted ☐ Further information required (see comments)	Minister ..... Date 27/4/15 Comments: Please keep me informed.

RECOMMENDATION *Action Required by:*

1. It is recommended the Minister:
   - **sign** the letter to h4p4(6) Personal inform Coordinator, Yatala Residents Alliance (YRA) (**Attachment 1**).
   - **note** the following information.

BACKGROUND

2. On 8 March 2015, YRA wrote three separate letters to the Minister requesting dust monitoring in the Yatala/Ormeau area, bioaerosol monitoring and Industry separation distances to be reinstated. YRA also wrote to the Director-General of the Department of Environment and Heritage Protection (EHP).
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9. EHP is unable to impose bioaerosol monitoring on the relevant facilities under their current approvals. However EHP has investigated options for conducting screening level bioaerosol monitoring within the Yatala area. The proposed monitoring program will assist in determining the concentrations of bioaerosols and potential risk to sensitive receptors. The viability, timing and duration of this monitoring will be decided after further consultation with DSITI and the Queensland University of Technology.
10. Local government planning schemes (to reinstate industry separation distances) fall within the portfolio responsibilities of the Honourable Ms Jacklyn Trad MP, Deputy Premier, Minister for Transport, Minister for Infrastructure, Local Government and Planning and Minister for Trade.

RISKS

11. There are no risks associated with this brief.

FINANCIAL IMPLICATIONS

12. Funding for the monitoring programme will be sourced from DSITI's base funding arrangements.

CONSULTATION

13. EHP has consulted DSITI, Cement Concrete and Aggregates Australia and state quarry representatives.

COMMUNICATION

14. YRA to be kept informed of impending monitoring arrangements and presented with investigation report upon completion.

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Attachment 2. Departmental letter to members of YRA dated 12 January 2015.

Author	Branch Endorsement	Division Endorsement	Director-General Endorsement
Name: Zoe Immisch Position: Principal Environmental Officer Tel No: 5583 2132 Date Drafted: 25/03/2015	Name: Andrew Connor Position: ED, IDSQC Tel No: 3330 6335 Date Endorsed: 02/04/2015	Name: Dean Ellwood Position: DDG, ESR Tel No: 3330 5628 Date Endorsed:	Name: Jon Black, DG, EHP Tel No: 3330 6298 Signed .....Person..... Date 8/4/15

EHP RTI DL Release

Hon Dr Steven Miles MP
Minister for Environment and Heritage Protection and
Minister for National Parks and the Great Barrier Reef

QUEENSLAND GOVERNMENT

Level 13
400 George Street Brisbane Qld 4000
GPO Box 2454 Brisbane
Queensland 4001 Australia
Telephone +61 7 3719 7330
Facsimile +61 7 3220 6231
Email environment@ministerial.qld.gov.au

Ref CTS 04796/15

27 APR 2015

sch4p4(6) Personal informati
Coordinator
Yatala Residence Alliance Committee
PO Box 445
BEENLEIGH QLD 4207

Dear 4(6) Personal inf

Thank you for your letters of 8 March 2015 concerning the request for dust monitoring in the Yatala and Ormeau area, monitoring of bioaerosols at composting and mulching activities in the Yatala area and industry separation distances to be reinstated. I note that you have also written to the Director-General of the Department of Environment and Heritage Protection (EHP) concerning the bioaerosols monitoring and I am pleased to respond on his behalf.

In December 2014, EHP received similar correspondence from members of the Yatala Residents Alliance (YRA) regarding dust from quarrying operations. Specifically, concerns were raised regarding the impact of respirable crystalline silica (and asbestos) on the surrounding community.

I am advised that EHP commenced investigation into the issues raised and subsequently sought technical assistance from the Air Quality Sciences Unit of the Department of Science, Information Technology and Innovation (DSITI). A dust monitoring investigation will be conducted in the Yatala and Ormeau area. This monitoring campaign will be conducted by DSITI and will focus predominately on crystalline silica.

It is anticipated that the investigation will be established over a period of several months representative of the worst possible dust conditions experienced by the community. This will determine whether the crystalline silica dust levels experienced during peak exposure exceed the environmental health standards recommended for community health ($3\mu g/m^3$). As such, the installation of monitoring equipment will be scheduled outside of peak rainfall periods and it is anticipated that monitoring will occur between June and October 2015.

With respect to your concerns regarding the dust limits placed within Environmental Authorities, the $25\mu g/m^3$ limit you have referred to is for the $PM_{2.5}$ fraction of dust detected within a 24 hour period and is established in accordance with the Environmental Protection (Air) Policy 2008 (EPP Air). Currently there is no Queensland EPP Air quality objective or national ambient air quality guideline for crystalline silica. The $3\mu g/m^3$ for respirable crystalline silica limit you refer to comes from the Victorian Government's Protocol for Environmental Management for Mining and Extractive Industries criterion for crystalline silica, which is based on the Californian Office of Environmental Health Assessment chronic inhalation Reference Exposure Level for the respirable crystalline silica component only, which is measured within the $PM_{2.5}$ fraction.

EHP RTI DL Release

As per previous correspondence to the Yatala Residents Alliance, EHP is unable to impose bioaerosol monitoring on the relevant facilities under their current approvals.

EHP has however, also investigated options for conducting screening level bioaerosol monitoring within the Yatala area. The proposed monitoring program will assist in determining the concentrations of bioaerosols and potential risk to sensitive receptors. The viability, timing and duration of this monitoring will be decided after further consultation with DSITI and the Queensland University of Technology (QUT).

The proposed monitoring will provide particulate and bioaerosol ambient air quality concentrations which can be compared against the relevant existing standards. Monitoring at the source and downwind locations will be conducted when emissions are expected to be at maximum rates. The result of this screening level monitoring will be used by EHP to determine potential risk and trigger any future monitoring that may be required.

With regard to your request for industry separation distances to be reinstated, I am advised that local government planning schemes fall within the portfolio responsibilities of the Honourable Ms Jackie Trad MP, Deputy Premier, Minister for Transport, Minister for Infrastructure, Local Government and Planning and Minister for Trade. As such, a copy of your correspondence has been passed on to her with a request that a reply be forwarded to you at the earliest opportunity.

I hope this information is of assistance to you. Should you have any further enquiries, please contact my Chief of Staff, Mr Philip Halton on 3719 7330.

Yours sincerely

DR STEVEN MILES MP
Minister for Environment and Heritage Protection and
Minister for National Parks and the Great Barrier Reef

I have asked to be kept informed personally of the monitoring program.

EHP RTI Released

Hon Dr Steven Miles MP
Minister for Environment and Heritage Protection and
Minister for National Parks and the Great Barrier Reef

QUEENSLAND GOVERNMENT

Level 13
400 George Street Brisbane Qld 4000
GPO Box 2454 Brisbane
Queensland 4001 Australia
Telephone +61 7 3719 7330
Facsimile +61 7 3220 6231
Email environment@ministerial.qld.gov.au

Ref CTS 04796/15

27 APR 2015

B/C Chief of Staff to the
Honourable Jackie Trad MP
Deputy Premier, Minister for Transport,
Minister for Infrastructure, Local Government and
Planning and Minister for Trade
PO Box 15009
CITY EAST QLD 4002

Referred by direction for direct reply. Copy of the
nwards correspondence is attached.

Perso

Philip Halton
Chief of Staff

sch4p4(6) Personal informa
Coordinator
Yatala Residence Alliance Committee
PO Box 445
BEENLEIGH QLD 4207

Dear 4(6) Personal inf

Thank you for your letters of 8 March 2015 concerning the request for dust monitoring in the Yatala and Ormeau area, monitoring of bioaerosols at composting and mulching activities in the Yatala area and industry separation distances to be reinstated. I note that you have also written to the Director-General of the Department of Environment and Heritage Protection (EHP) concerning the bioaerosols monitoring and I am pleased to respond on his behalf.

In December 2014, EHP received similar correspondence from members of the Yatala Residents Alliance (YRA) regarding dust from quarrying operations. Specifically, concerns were raised regarding the impact of respirable crystalline silica (and asbestos) on the surrounding community.

I am advised that EHP commenced investigation into the issues raised and subsequently sought technical assistance from the Air Quality Sciences Unit of the Department of Science, Information Technology and Innovation (DSITI). A dust monitoring investigation will be conducted in the Yatala and Ormeau area. This monitoring campaign will be conducted by DSITI and will focus predominately on crystalline silica.

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Yours sincerely

SIGNED

DR STEVEN MILES MP
Minister for Environment and Heritage Protection and
Minister for National Parks and the Great Barrier Reef

EHP RTI DL Release

Relea

MECS
(CTS NO. 12768/15)
FINALISED
(EHP - MINISTER)

CTS No: 12768/15 *Currently Assigned To:* Corro EHP E *DUE:*

Concerning: Yatala Residents Alliance / dust and bio aerosol monitoring in the area / crystalline silica and asbestos dust emission monitoring

Templates: EHP - Departmenta

Campaign:

Security Classification: EHP - Unrestricted *Ack Letter Template:*

Organisational Entity: EHP

CLIENTS (1)

Role	*Name*	*Client Type*	*Organisation/Company*	*Post code*	*Locality*	*Primary*
Original Correspondent	) Persona	ORG - Organisation/Entity	Yatala Residents Alliance Committee			Yes

ACKNOWLEDGEMENT LETTER DETAILS

Reply to Name: *Position:*

Reply To Org:

Reply to Address:

Regarding: dust and bio aerosol monitoring

DEPARTMENTAL DETAILS

Business Area: EHP - ESR IaDaSQC *Business Unit:* SQC - Gold Coast

Business Sub Unit:

Action Type: Request for Departmenta

Redraft Reason:

Executive Contact: Corro EHP ESR IaDaSQ *Agency Author:* SMALL Rebecca

INVOLVEMENT DETAILS

COMMENTS

Click for Attachments
View Signed letter to 6) Personal
) Persona
View Draft letter to
lp4(6) Personal infor
Coordinator,
View 12768/15 - REQUEST - Incoming Letter

Related Correspondence
04796/15 - Yatala / Ormeau / dust monitoring / request for**04835/15** - Yatala / Ormeau / request for bio-aerosol**17144/15** - Yatala Residents Alliance / dust particulate**12238/16** - GOLD COAST COMMUNITY CABINET / 15 May 2016 /

My Recently Opened Items
04796/15 - Yatala / Ormeau / dust monitoring / request for**09258/16** -
73 irrelevant informat
vant/**15640/16** - Yatala Residents Alliance / air pollution / dust

EHP RTI DL Release

DATES

Created:	10/06/15	*Dated:*	29/05/15
Received:	29/05/15		
Draft Due to EHP - Minister:	30/06/15	*Draft Received by EHP - Minister:*	26/06/15
		Date Sent for Signoff:	
Due Signatory:		*Sent for Redraft:*	
Signed:		*Finalised:*	26/06/15
YOUR DUE DATE:		*EC Officer Allocated:*	10/06/15

GENERAL DETAILS

External Reference No:		*Thesaurus No:*	DC
Classification:		*Locality:*	

Date request received by Dir ED GM		*Date due back to Dir ED GM*	
Date draft received by Dir ED GM		*Date draft sent to EMT member*	
Draft rejected by Dir ED GM	Yes ○ No ○		

SIGNATORIES

Select the next Signatory:		*Due Date:*	
Date Submitted:		*Date Received:*	

Current Signatories

Signatory Due Date Date Completed Submitted To Received From

Default Signatories

Signatory Response Due

INPUT OFFICERS

Pending Input Officers

For Input Details

INFORMATION OFFICERS

Pending Information Officers

For Information Details

EHP RTI DL Release

COMMENTS LIST

Date Added	*Added By*	*COMMENT HISTORY*
26/06/15 12:40	LANDS\TaylorE	Finalised by TAYLOR Erin (who was acting for: Corro EHP ESR IaDaSQC) Letter emailed by department. MECU finalising
26/06/15 12:27	LANDS\CanavanM	Workflow was CCd to Corro EHP Minister for Information by CANAVAN Maria (who was acting for: Corro EHP ESR IaDaSQC) with the following instructions: Hi MECU, letter to 6) Personal signed by Chris Hill, A/ED IDSQC on 26/06/2015. Scanned copy attached. Letter posted on 26/06/2015. Please finalise this item. Thanks, Maria.
25/06/15 14:17	LANDS\CanavanM	Printed for A/ED signature.
25/06/15 14:14	LANDS\HillC	Approval applied for by HILL Chris (who was the CAP) to Corro EHP ESR IaDaSQC.
25/06/15 13:38	LANDS\CanavanM	Approval applied for by CANAVAN Maria (who was acting for: Corro EHP ESR IaDaSQC) to HILL Chris. Hi Chris, this is for your signature. Once you have reviewed it, I will print it for signing tomorrow. Maria.
25/06/15 13:17	LANDS\HertsletB	Approval applied for by HERTSLET Bryce (who was the CAP) to Corro EHP ESR IaDaSQC.
25/06/15 11:09	LANDS\CanavanM	Approval applied for by CANAVAN Maria (who was acting for: Corro EHP ESR IaDaSQC) to HERTSLET Bryce. Hi Bryce, QA complete. Due to Corro EHP ESR IaDaSQC today 25/06/2015. Thanks, Maria.
25/06/15 10:57	LANDS\gloskob	Approval applied for by GLOSKO Brett (who was the CAP) to Corro EHP ESR IaDaSQC. Hi Maria, Updated as requested. For final QA please.
25/06/15 10:42	LANDS\CanavanM	Rejected for Rework by CANAVAN Maria (who was acting for: Corro EHP ESR IaDaSQC) to GLOSKO Brett Hi Brett, please review my amendments and address my comments. Due to Corro EHP ESR IaDaSQC at your earliest convenience. Thanks, Maria.
24/06/15 16:22	LANDS\gloskob	Approval applied for by GLOSKO Brett (who was the CAP) to Corro EHP ESR IaDaSQC. For QA please.
24/06/15 11:16	LANDS\SmallRe	Approval applied for by SMALL Rebecca (who was the CAP) to GLOSKO Brett.
17/06/15 16:56	LANDS\CanavanM	Allocation Due Date for GLOSKO Brett changed from 18/06/15 to 24/06/15. All relevant due dates automatically changed by 4 working days Amending due date to allow for business unit to prepare response
11/06/15 14:55	LANDS\gloskob	Workflow was CCd to WEBBER Lindsay for Information by GLOSKO Brett (who was acting for: SMALL Rebecca) with the following instructions:
11/06/15 14:34	LANDS\SmallRe	Responsibility Accepted by SMALL Rebecca (who was the CAP) for Response for EHP - Minister.
10/06/15 15:37	LANDS\gloskob	Workflow was CCd to WAINWRIGHT David;WAINWRIGHT David for Information by GLOSKO Brett (who was the CAP) with the following instructions:
10/06/15 15:37	LANDS\gloskob	Allocated to SMALL Rebecca by GLOSKO Brett (who was the CAP) for Response for EHP - Minister. Hi Bec, Maria and i discussed this one for a while, considering it concerns DSITI and EHP Assessment, and is borderline as to the requirement for a response, however in the end we decided to do one and coordinate on behalf of all parties. Sorry. Brett
10/06/15 14:16	LANDS\CanavanM	Workflow was CCd to SPENCE Samantha;HERTSLET Bryce for Information by CANAVAN Maria (who was acting for: Corro EHP ESR IaDaSQC) with the following instructions:
10/06/15 14:16	LANDS\CanavanM	Allocated to GLOSKO Brett by CANAVAN Maria (who was acting for: Corro EHP ESR IaDaSQC) for Response for EHP - Minister. Hi Brett, please provide a response for Andrew's signature. Due to Corro EHP ESR IaDaSQC by 3pm 18/06/2015. Thanks, Maria.

EHP RTI Release

Date Added	*Added By*	*COMMENT HISTORY*
10/06/15 11:13	LANDS\TaylorE	Allocated to Corro EHP ESR IaDaSQC by TAYLOR Erin (who was acting for: EHP - Minister) for Response for EHP - Minister. Please prepare a departmental response. Due to MECU 30/6/15. thank you
10/06/15 11:02	LANDS\TaylorE	Item created by TAYLOR Erin

frmFinalisedItemSuper - 4.51.2103.0

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When the MECS item has been completed there may be a business need to save all the finalised attachments into eDOCS within the relevant business area file.

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EHP RTI DL Release

MINISTER FOR ENVIRONMENT AND HERITAGE PROTECTION
AND MINISTER FOR NATIONAL PARKS AND THE GREAT BARRIER REEF

ACTION SHEET

☑ Environment / Heritage / Great Barrier Reef

☐ Queensland Parks and Wildlife Service

Action Required

☐ Minister Reply

☐ Chief of Staff Reply

☐ Briefing Note

☐ Meeting/Event Brief

☐ DLO Dot Points

☑ Department Response

☐ Department Action

☐ Department Information

☐ Refer to: _____

☐ Copy to
- ☐ Director-General
- ☐ Other _____

☐ No Further Action Required / File

Policy Advisor:
☐ Danielle Cohen (DC)
☑ Peter Spencer (PS)

Timeframes

☑ Standard ☐ Other _____

Related Correspondence: 4835/15

Comments:

Signature: _____ (6) Personal ir _____ Date: 1/6/15

EHP RTI DL Release

MALLOUHI Jodie

From: Environment <Environment@ministerial.qld.gov.au>
Sent: Friday, 29 May 2015 10:04 AM
DLO EHP
Subject: FW: YRA Reply to Hon Stephen Miles Minister for Environment and Heritage protection - 29th May 2015
Attachments: YRA Reply to Hon Stephen Miles Minister for Environment 29th May 2015.pdf

From: sch4p4(6) Personal information
Sent: Friday, 29 May 2015 10:03 AM
To: Environment
Person YRA Co-ordinator
Subject: YRA Reply to Hon Stephen Miles Minister for Environment and Heritage protection - 29th May 2015

Dear Minister Miles

We sincerely thank you for your reply to YRA's letters regarding Dust and Bio Aerosol Monitoring in the area – our response to you is attached.

Yours truly,

p4(6) Personal info – YRA Coordinator on behalf of the YRA Committee and Members

Issued by: sch4p4(6) Personal information
Date: 29th May 2015

EHP RTI DL Release

A COMMUNITY VOICE

MISSION STATEMENT: "A Community voice surrounding topics which impact the lifestyle, health and environment of residents near commercial and industrial developments in the Yatala Enterprise Area"

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Queensland Government.

Please consider the environment before printing this email.

EHP RTI DL Release

Releas

atala
Residents
Alliance
A COMMUNITY VOICE

PO Box 445, Beenleigh, QLD, 4207.
Email: yra@yatala.info
www.yatala.info

Hon. Dr. Steven Miles
Minister for Environment & Heritage Protection/National Parks & Great Barrier Reef
GPO Box 2454
BRISBANE QLD 4001
Email:

Date: 29th May 2015

Dear Minister Miles

We refer to your letter dated 27th April 2015 ref: CTS 04796/15

Thank you for taking the time to read and reply to our letters, it is very much appreciated.

We are extremely pleased that DEHP and DSITI will be conducting a 5 month investigation (June – October) for the 3ug/$m^{3\ fraction}$ of the $PM_{2.5}$ levels of crystalline silica dust levels

We appreciate that there is currently no Queensland EPP air quality objective or National air quality guideline and note that you intend using the Victorian Governments Protocol for Environmental Management for Mining and Extractive Industries criterion for crystalline Silica, which is based on the (OEHHA) Californian Office of Environmental Health Assessment chronic inhalation Reference Exposure level for the respirable crystalline silica component only, which is measured within the $PM_{2.5}$ fraction.

We hope that the 3ug/m^3 level will be adopted nationally and by all the states, as it should not be up to individual residents to bring these issues up before our authorities in order to safeguard the health of our families.

We suspect that as several quarries in our area, with the exception of the Hanson quarry, do their rock crushing in the open and that they will be on their best behaviour (**in regard to limiting their dust emissions**) whilst they know that their emissions are being monitored.
We will also be downwind from other dust sources such as large scale open air crushing and grinding of building and demolition waste.

As such, as much as we appreciate your advice in regard to a 5 month dust monitoring period, we feel that continuous 24/7 monitoring such as in Springwood and Woolloongabba would be far more appropriate in ensuring that the cumulative dose from all industry sources is not exceeded in our developing and expanding industrial area. Additionally if this information is constantly available to the DEHP, we feel that it will better assist them in their assessments of future proposed development applications which have the potential to further add to the dust pollution in our area; thereby DEHP ill be able to ensure that **cumulative** exposure levels to the community are not exceeded.

EHP RTI DL Release

We note that the monitoring campaign will focus primarily on crystalline silica and ask that consideration be also given to asbestos dust emission monitoring. Our reason being that we are aware of the many tons of PM $_{10}$ and PM $_{2.5}$ dust reported in the 2013 National pollution inventory, the amounts we have seen are for the Holcim and the Hanson quarries, we suspect you will have readily available more up to date 2014 National emission totals for all the quarries in our area and based on the fact that the percentage of that dust may contain 37% silica and 3% asbestos, it could well mean that there are many tons of asbestos fibres emitted in those conservative yearly predictions.
Much of the information we have read online indicates that there are no safe levels of asbestos fibre exposure; we would greatly appreciate if asbestos levels in our air were identified during the dust monitoring phase and acceptable/safe levels for community exposure were then made known.

Again we are most pleased that particulate and bio aerosol monitoring will be carried out in downwind locations of composting and mulching activities, however we would be far more comfortable if this monitoring was permanent on a 24/7 basis, as we again fear that the results obtained when the operators are aware of the monitoring may differ greatly to when there is no monitoring in place.

Thank you again for taking the time to consider our concerns.

Yours truly,
YRA Committee

ı4p4(6) Personal inforn

On behalf of all YRA Members

EHP RTI DL Released

COMMUNITY VOICE

MISSION STATEMENT: "A Community voice surrounding topics which impact the lifestyle, health and environment of residents near commercial and industrial developments in the Yatala Enterprise Area"

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Queensland Government

Department of
Environment and Heritage Protection

Ref CTS 12768/15

26 June 2015

sch4p4(6) Personal informati
Coordinator
Yatala Residence Alliance Committee
PO Box 445
BEENLEIGH QLD 4207

Dear)4(6) Personal inf(

I refer to your letter dated 29 May 2015 to the Honourable Dr Steven Miles MP, Minister for Environment and Heritage Protection and Minister for National Parks and the Great Barrier Reef regarding the upcoming dust and bioaerosol monitoring in the Yatala area. Minister Miles has referred this matter to the Department of Environment and Heritage Protection (EHP) for response.

Air Quality Monitoring - Yatala
The monitoring stations at Springwood and Woolloongabba are managed by the Department of Science, Information Technology and Innovation (DSITI) and are primarily set up to measure the air quality impacts from traffic sources in populated areas of South East Queensland. The monitoring methods, techniques and particulates monitored at these sites cannot be monitored in the same way for that proposed in the Yatala area.

The dust monitoring proposed for the Yatala area is to determine whether there are any issues related to the cumulative effects of dust emissions from the extractive/screening industries within the area. DSITI is proposing to measure Total Solid Particles, PM_{10} and $PM_{2.5}$ continuously, along with relevant meteorological conditions. However it is inappropriate to measure the presence of crystalline silica and the respirable fraction of asbestos on a continual basis as the recognised methodology to sample such particulates is to collect particle samples over seven day periods and then perform analysis on those samples.

Similarly, continuous bioaerosol monitoring is not a feasible option because the recognised methods by which bioaerosols are monitored is to grow a culture from a sample taken over a set time period and then various species identified under a microscope by a suitably qualified expert.

EHP RTI DL Release

Level 8
400 George Street Brisbane
GPO Box 2454 Brisbane
Queensland 4001 Australia
Telephone + 61 7 3330 6335
Facsimile + 61 7 3330 5754
Website www.ehp.qld.gov.au
ABN 46 640 294 485

With regards to your comment about the industry being on “its best behaviour”, the monitoring will occur over several months and has intentionally been proposed during a period of the year when emissions are expected to have maximum impact, meaning that it will not be economically viable or practical for the entire industry within this area to cease or amend operations during the monitoring period. EHP therefore considers that the monitoring will be representative of typical conditions in the area and the project will result in acquiring meaningful data that can be analysed appropriately.

With regards to your reference “dust may contain 37% silica and 3% asbestos”, DSITI has advised that these percentages are typically the composition of the types of rock being extracted and that only a fraction of these percentages can be of concern from a health perspective as it is that smaller fraction that makes up the respirable component. As previously stated, DSITI will conduct monitoring in relation to silica and asbestos as part of the project investigating cumulative dust emissions from extractive/screening industries in the Yatala area.

Assessment of Air Quality Impacts
I note your comments in respect to EHP’s assessment of cumulative dust impacts In Queensland. The environmental impacts of air emissions associated with Environmental Regulated Activities are regulated under the *Environmental Protection Act 1994* and subordinate legislation, including the Environmental Protection Regulation 2008 and the Environmental Protection (Air) Policy 2008 (EPP Air). The EPP Air identifies environmental values to be enhanced or protected and specifies air quality objectives for indicators (selected contaminants) to protect these values. These objectives are derived from national and international standards, including the National Environment Protection (Ambient Air Quality) Measure (2003), the National Environment Protection (Air Toxics) Measure (2004), the World Health Organisation Guidelines for Europe (2000) and the United States Environmental Protection Agency.

Should you have any further enquiries, please contact Miss Rebecca Small, Principal Environmental Officer, Environmental Services and Regulation of EHP on telephone 5583 2147.

Yours sincerely

Chris Hill
Acting Executive Director
Delegate of the Chief Executive
Industry, Development South Queensland Compliance
Environmental Services and Regulation

EHP RTI DL Release

Queensland Government

Department of
Environment and Heritage Protection

Ref CTS 12768/15

26 June 2015

sch4p4(6) Personal informat
Coordinator
Yatala Residence Alliance Committee
PO Box 445
BEENLEIGH QLD 4207

Dear 4(6) Personal in

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Similarly, continuous bioaerosol monitoring is not a feasible option because the recognised methods by which bioaerosols are monitored is to grow a culture from a sample taken over a set time period and then various species identified under a microscope by a suitably qualified expert.

EHP RTI DE Release

Level 8
400 George Street Brisbane
GPO Box 2454 Brisbane
Queensland 4001 Australia
Telephone + 61 7 3330 6335
Facsimile + 61 7 3330 5754
Website www.ehp.qld.gov.au
ABN 46 640 294 485

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Should you have any further enquiries, please contact Miss Rebecca Small, Principal Environmental Officer, Environmental Services and Regulation of EHP on telephone 5583 2147.

Yours sincerely

sch4p4(6) Personal information

Chris Hill
Acting Executive Director
Delegate of the Chief Executive
Industry, Development South Queensland Compliance
Environmental Services and Regulation

EHP RTI DL Release

MECS
(CTS NO. 15640/16)
FINALISED REDRAFT
(EHP - MINISTER)

CTS No: 15640/16 *Currently Assigned To:* EHP - Minist *DUE:*

Concerning: Yatala Residents Alliance / air pollution / dust / asbestos /crystalline silica / pollution from business operators in area / further to Gold Coast Community Cabinet meeting 15 May 2016

Templates: EHP - Min Letter

Campaign:

Security Classification: EHP - Unrestricted *Ack Letter Template:*

Organisational Entity: EHP

CLIENTS (1)

Role	*Name*	*Client Type*	*Organisation/Company*	*Post code*	*Locality*	*Primary*
Original Correspondent	Person	ORG - Organisation/Entity	Yatala Residents Alliance	4207		Yes

ACKNOWLEDGEMENT LETTER DETAILS

Reply to Name: *Position:*

Reply To Org:

Reply to Address:

Regarding: air pollution in the Yatala area

DEPARTMENTAL DETAILS

Business Area: EHP - ESR IaDaSQC *Business Unit:* SQC - Gold Coast

Business Sub Unit:

Action Type: Min - Request for Reply

Redraft Reason:

Executive Contact: Corro EHP ESR IaDaSQ *Agency Author:* IMMISCH Zoe

INVOLVEMENT DETAILS

Click for Attachments (5 of 8)
View Signed Min letter
View Draft Min Reply
View Enclosure to letter - Advice from the Department
View Request for Redraft
View TEMPLATE ONLY - Draft Min Reply

Related Correspondence (5 of 11)
12238/16 - GOLD COAST COMMUNITY CABINET / 15 May 2016 /**12651/16** - Yatala Residents Alliance / further information**14399/16** - GOLD COAST COMMUNITY CABINET / 15 May 2016 /**14867/16** - Gold Coast Community Cabinet discussions / Yatala**16111/16** - Yatala Residents Alliance / air pollution / dust

My Recently Opened Items
12768/15 - Yatala Residents Alliance / dust and bio aerosol**04796/15** - Yatala / Ormeau / dust monitoring / request for**09258/16** -

73 irrelevant informa

EHP RTI DL Release

COMMENTS

DATES

Created:	20/06/16	*Dated:*	16/06/16
Received:	17/06/16		
Draft Due to EHP - Minister:	18/07/16	*Draft Received by EHP - Minister:*	18/07/16
		Date Sent for Signoff:	18/07/16
Due Signatory:		*Sent for Redraft:*	13/07/16
Signed:		*Finalised:*	20/07/16
YOUR DUE DATE:		*EC Officer Allocated:*	23/06/16

GENERAL DETAILS

External Reference No:		*Thesaurus No:*	MS
Classification:	Seeking Information	*Locality:*	4210-4299 South East -
Action Within:			

Date request received by Dir ED GM			
Date due back to Dir ED GM		*Date draft received by Dir ED GM*	
Date draft sent to EMT member		*Draft rejected by Dir ED GM*	Yes ○ No ○
Date given to Policy Advisor		*Date given to Chief of Staff*	
Date Due to Min Office		*Date given to Minister*	

SIGNATORIES

Select the next Signatory:		*Due Date:*	
Date Submitted:		*Date Received:*	20/07/16

Current Signatories

Signatory	*Due Date*	*Date Completed*	*Submitted To*	*Received From*
EHP - Minister	20/07/16	18/07/16	20/07/16	

Default Signatories

Signatory	*Response Due*

INPUT OFFICERS

Pending Input Officers

For Input	*Details*

INFORMATION OFFICERS

EHP RTI DL Release

Pending Information Officers

For Information	*Details*

COMMENTS LIST

Date Added	*Added By*	*COMMENT HISTORY*
20/07/16 10:03	LANDS\MonteithJ	Finalised by MONTEITH Joshua (who was acting for: EHP - Minister) Letter to 6) Personal i signed by the Minister 20/7/16, scanned copy attached. Letter emailed 20/7/16.
19/07/16 15:40	LANDS\KERRIDGE_AT	[File note: Judy Carter of DPC phoned to confirm a reply is progressing from Minister Miles as she has contacted Premier's to see why they have not responded. Her corro to Premier was a CC. Premier's will advise a reply will come from Minister Miles office in due course.]
18/07/16 17:11	LANDS\KERRIDGE_AT	Receipt acknowledged in Sign Off by KERRIDGE Andrea (who was acting for: EHP - Minister) Item to Megan Surawski, PA.
18/07/16 16:56	LANDS\UferC	Item was submitted for Sign Off to EHP - Minister Letter to (6) Personal in for Minister's signature submitted to Minister's office
18/07/16 16:55	LANDS\UferC	EHP - Minister issued clearance for Item
18/07/16 14:18	LANDS\MonteithJ	With MECU for processing.
18/07/16 14:12	LANDS\ditullt	DI TULLIO Tonina (who was acting for: Corro EHP ESR DDG) (EC)Approved Workflow Item. Hi MECU, attached revised attachment endorsed by Dean Ellwood, DDG ESR, please progress, thank you, Tonina.
14/07/16 15:50	LANDS\ditullt	Workflow was CCd to Corro EHP ESR IaDaSQC for Information by DI TULLIO Tonina (who was acting for: Corro EHP ESR DDG) with the following instructions: Printed from MECS for approval, thank you.
14/07/16 15:17	LANDS\CanavanM	Approval applied for by CANAVAN Maria (who was acting for: CONNOR Andrew) to Corro EHP ESR DDG. Enclosure to letter amended (in track changes) and endorsed by the ED IDSQC. Please use version marked "ED IDSQC endorsed" when making any amendments. Thanks, Maria.
13/07/16 14:14	LANDS\moffatw	Approval applied for by MOFFAT Wendy (who was acting for: Corro EHP ESR IaDaSQC) to CONNOR Andrew. Printed for ED endorsement.
13/07/16 13:47	LANDS\immisce	Approval applied for by IMMISCH Eugene (who was the CAP) to Corro EHP ESR IaDaSQC. Approved. EI
13/07/16 12:59	LANDS\hillju	Approval applied for by HILL Julie (who was acting for: Corro EHP ESR IaDaSQC) to IMMISCH Eugene. Hi Eugene, QA complete. Due to Corro EHP ESR IaDaSQC by 3pm 13 July 2016. Thanks, Julie
13/07/16 12:27	LANDS\gloskob	Approval applied for by GLOSKO Brett (who was the CAP) to Corro EHP ESR IaDaSQC. For QA please
13/07/16 10:50	LANDS\helyerz	Approval applied for by IMMISCH Zoe (who was the CAP) to GLOSKO Brett.
13/07/16 10:47	LANDS\helyerz	Responsibility Accepted by IMMISCH Zoe (who was the CAP) for Response for EHP - Minister.
13/07/16 10:24	LANDS\gloskob	Allocated to IMMISCH Zoe by GLOSKO Brett (who was the CAP) for Response for EHP - Minister.
	LANDS\hillju	

EHP FOI DL Release

Date Added	Added By	COMMENT HISTORY
13/07/16 10:12		Workflow was CCd to SPENCE Samantha;IMMISCH Eugene for Information by HILL Julie (who was acting for: Corro EHP ESR IaDaSQC) with the following instructions:
13/07/16 10:12	LANDS\hillju	Allocated to GLOSKO Brett by HILL Julie (who was acting for: Corro EHP ESR IaDaSQC) for Response for EHP - Minister. Hi Brett, request for redraft as per the attached document. Due to Corro EHP ESR IaDaSQC by 3pm 13 July 2016 or sooner. Thanks, Julie
13/07/16 10:04	LANDS\MonteithJ	Allocated to Corro EHP ESR IaDaSQC by MONTEITH Joshua (who was acting for: EHP - Minister) for Response for EHP - Minister. Ministers office request for redraft, please see attached document with comments below. Thank you, MECU
13/07/16 09:39	LANDS\KERRIDGE_AT	Workflow Item was Rejected for Redrafting by KERRIDGE Andrea (who was acting for: EHP - Minister) Redraft request: Megan's comments re attachment to letter: "Request back to dept on the asbestos. 1. If the monitoring finds excedences, what would the next steps be? and 2. spelling mistakes of 'Cannon Hill'." Returning to MECU to return to dept.
07/07/16 17:53	LANDS\KERRIDGE_AT	Receipt acknowledged in Sign Off by KERRIDGE Andrea (who was acting for: EHP - Minister) Item with Megan Surawski, PA.
07/07/16 15:49	LANDS\MonteithJ	Item was submitted for Sign Off to EHP - Minister Submitting Minister letter to Persor) Persona
07/07/16 15:25	LANDS\UferC	EHP - Minister issued clearance for Item
07/07/16 14:26	LANDS\MonteithJ	With MECU for processing
07/07/16 14:12	LANDS\FinniganB	FINNIGAN Brooke (who was acting for: Corro EHP ESR DDG) (EC)Approved Workflow Item. Hi MECU, attached reply endorsed by Anne Lenz, A/DDG ESR, please progress, thank you.
07/07/16 09:23	LANDS\ditullt	Workflow was CCd to Corro EHP ESR IaDaSQC for Information by DI TULLIO Tonina (who was acting for: Corro EHP ESR DDG) with the following instructions: Printed from MECS for approval, thank you.
07/07/16 08:57	LANDS\CanavanM	Approval applied for by CANAVAN Maria (who was acting for: CONNOR Andrew) to Corro EHP ESR DDG. Endorsed by the ED IDSQC. Please note this is due to MECU today. Please use version marked "ED IDSQC endorsed" when making any amendments. Thanks, Maria.
04/07/16 09:01	LANDS\CanavanM	Approval applied for by CANAVAN Maria (who was acting for: Corro EHP ESR IaDaSQC) to CONNOR Andrew. Printed for ED IDSQC endorsement.
01/07/16 17:15	LANDS\HertsletB	Approval applied for by HERTSLET Bryce (who was the CAP) to Corro EHP ESR IaDaSQC.
01/07/16 11:32	LANDS\CanavanM	Approval applied for by CANAVAN Maria (who was acting for: Corro EHP ESR IaDaSQC) to HERTSLET Bryce. Hi Bryce, QA complete. Due to Corro EHP ESR IaDaSQC asap. Thanks, Maria.
30/06/16 18:44	LANDS\gloskob	Approval applied for by GLOSKO Brett (who was the CAP) to Corro EHP ESR IaDaSQC. For QA please.
29/06/16 17:00	LANDS\helyerz	Approval applied for by IMMISCH Zoe (who was the CAP) to GLOSKO Brett.
27/06/16 11:11	LANDS\helyerz	Responsibility Accepted by IMMISCH Zoe (who was the CAP) for Response for EHP - Minister.
23/06/16 18:27	LANDS\gloskob	Workflow was CCd to MORGAN Yvette for Information by GLOSKO Brett (who was the CAP) with the following instructions:
	LANDS\gloskob	

EHP FOI DL Release

Date Added	*Added By*	*COMMENT HISTORY*
23/06/16 18:27		Allocated to IMMISCH Zoe by GLOSKO Brett (who was the CAP) for Response for EHP - Minister.
23/06/16 12:50	LANDS\CanavanM	Workflow was CCd to SPENCE Samantha;HERTSLET Bryce for Information by CANAVAN Maria (who was acting for: Corro EHP ESR IaDaSQC) with the following instructions:
23/06/16 12:50	LANDS\CanavanM	Allocated to GLOSKO Brett by CANAVAN Maria (who was acting for: Corro EHP ESR IaDaSQC) for Response for EHP - Minister. Hi Brett, please provide a response for Minister's signature. Due to Corro EHP ESR IaDaSQC by 3pm 29/06/2016. Thanks, Maria.
23/06/16 12:31	LANDS\UferC	Allocated to Corro EHP ESR IaDaSQC by UFER Cathy (who was acting for: EHP - Minister) for Response for EHP - Minister. Prepare reply for Minister - due to MECU by 7/07/16
22/06/16 10:59	LANDS\thomasli	Signed ack letter sent to 6) Personal i 22/06/16.
20/06/16 14:47	LANDS\thomasli	Item created by THOMAS Liz

frmFinalisedItemSuper - 4.51.2103.0

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When the MECS item has been completed there may be a business need to save all the finalised attachments into eDOCS within the relevant business area file.

MECS contains personal information that may be used for departmental purposes only. Please consider your obligations under the Code of Conduct when accessing, using and disclosing this information as inappropriate access, use or disclosure could breach the *Information Privacy Act 2009*.

EHP RTI DL Release

Hon Dr Steven Miles MP
Minister for Environment and Heritage Protection and
Minister for National Parks and the Great Barrier Reef

Ref CTS 15640/16

Level 13
400 George Street Brisbane Qld 4000
GPO Box 2454 Brisbane
Queensland 4001 Australia
Telephone +61 7 3719 7330
Facsimile +61 7 3220 6231
Email environment@ministerial.qld.gov.au

sch4p4(6) Personal informa

Database Coordinator
Yatala Residents Alliance
PO Box 445
BEENLEIGH QLD 4207

Dear 4(6) Personal inf

Thank you for your correspondence dated 16 June 2016 to the Honourable Dr Steven Miles MP, Minister for Environment and Heritage Protection and Minister for National Parks and the Great Barrier Reef regarding air pollution in the Yatala area.

Your correspondence has been referred to the Department of Environment and Heritage Protection for their advice.

Yours sincerely

REBECCA BEVAN
Office Manager
Office of the Minister for Environment and Heritage Protection and Minister for National Parks and the Great Barrier Reef

EHP RTI DL Release

Hon Dr Steven Miles MP
Minister for Environment and Heritage Protection and
Minister for National Parks and the Great Barrier Reef

Queensland Government

Ref CTS 15640/16

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22 JUN 2016

ch4p4(6) Personal informa
Database Coordinator
Yatala Residents Alliance
PO Box 445
BEENLEIGH QLD 4207

Dear p4(6) Personal infc

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Your correspondence has been referred to the Department of Environment and Heritage Protection for their advice.

Yours sincerely

sch4p4(6) Personal information

REBECCA BEVAN
Office Manager
Office of the Minister for Environment and Heritage Protection and Minister for National Parks and the Great Barrier Reef

EHP RTI DL Release

Hon Dr Steven Miles MP
Minister for Environment and Heritage Protection and
Minister for National Parks and the Great Barrier Reef

Ref CTS 15640/16

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Facsimile +61 7 3220 6231
Email environment@ministerial.qld.gov.au

ch4p4(6) Personal informa
Database Coordinator
Yatala Residents Alliance
PO Box 445
BEENLEIGH QLD 4207

sch4p4(6) Personal informatic

Dear 4(6) Personal inf

Thank you for your letter of 16 June 2016 concerning air pollution in the Yatala area.

[INSERT RESPONSE TO ISSUE/S RAISED]

I hope this information has been of assistance to you. Should your staff have further enquiries, please ask them to contact Mr Philip Halton, Chief of Staff in my office on (07) 3719 7330. [*Note: If the Minister is writing to an individual or constituent please change wording to* 'Should you have any further enquiries, please contact Mr Philip Halton, Chief of Staff in my office on (07) 3719 7330'.]

Yours sincerely

DR STEVEN MILES MP
Minister for Environment and Heritage Protection and
Minister for National Parks and the Great Barrier Reef

Att/Enc [remove if not applicable]

EHP RTI DL Release

Departmental Endorsement CTS 10097/16

The information contained in this reply is endorsed by In House Legal Chief Counsel as at 28 April 2016.

EHP RTI DL Release

Hon Dr Steven Miles MP
Minister for Environment and Heritage Protection and
Minister for National Parks and the Great Barrier Reef

Queensland Government

Ref CTS 15640/16

Hi Andrea,
Request back to Dept on the Asbestos
- If the ~~findings are~~ monitoring finds exceedences, what would the next steps be?
- Spelling mistakes of Cannon Hill. M.

NO CHANGE TO LETTER.

CHANGES TO ATT

sch4p4(6) Personal informat
Yatala Residents Alliance
PO Box 445
BEENLEIGH QLD 4207

Dear)4(6) Personal inf

Thank you for your letter of 16 June 2016 concerning air pollution in the Yatala area.

I can assure you that the Department of Environment and Heritage Protection (EHP) is taking your concerns seriously and is committed to the environmental monitoring underway in the area. EHP has provided me with detailed advice on concerns raised in your letter, as outlined in the enclosed document.

In the event you experience dust and odour nuisance incidents or other non-compliances, I encourage you to report these through EHP's Pollution Hotline on telephone 1300 130 372. EHP takes compliance matters seriously and if non-compliance is verified, appropriate enforcement action will be taken in accordance with EHP's enforcement guidelines.

With respect to your request for the implementation of a 24/7 live monitoring station, as previously advised, air quality monitoring falls under the jurisdiction of the Department of Science, Information Technology and Innovation and the portfolio responsibilities of the Honourable Leeanne Enoch MP, Minister for Innovation, Science and the Digital Economy and Minister for Small Business. I note that you have also written to Minister Enoch.

I hope this information has been of assistance to you. Should you have further enquiries, please contact Mr Philip Halton, Chief of Staff in my office on (07) 3719 7330.

Yours sincerely

DR STEVEN MILES MP
Minister for Environment and Heritage Protection and
Minister for National Parks and the Great Barrier Reef

Enc

EHP RTI DL Release

Advice from the Department of Environment and Heritage Protection (EHP)

National Pollutant Inventory (NPI) Emission Data

The $PM_{2.5}$ (particulate matter 2.5 micrometers or less in diameter) particulate matter data referred to, sourced from the NPI, only includes particulate matter generated from the combustion of fuel in vehicles at the Holcim Beenleigh and Hanson Wolffdene quarries for the 2012/13 reporting period. It does not relate to dust emissions from rock extraction or crushing activities. The PM_{10} particulate matter data includes particulate matter generated from all activities associated with the quarry operation, including for example, blasting, crushing, materials handling, as well as from fuel combustion from vehicles. As such, the PM_{10} and $PM_{2.5}$ particulate matter emissions data for these operations cannot be used to calculate the total crystalline silica and asbestos dust emissions from these sites.

Asbestos Dust

Asbestos is the term used to describe a group of naturally occurring minerals whose characteristic feature is that they occur as fibres. Airborne particles (dust) range in size from 0.1µm to 500µm, however human health impacts are typically associated with particles of less than 10µm (PM_{10}), termed 'respirable' as these can enter deep into the lungs. The respirable fraction of dust (less than 10µm) is the mass of inhaled particles penetrating the smallest (non-ciliated) airways of the lungs.

As such, it is important to note that while the rock composition at the Hanson Wolffdene quarry may be estimated at 3% asbestos, only the 'respirable' fraction of liberated asbestos material may pose a health risk.

With respect to concerns regarding the asbestos monitoring anticipated to be conducted as part of the Department of Science, Information Technology and Innovation's (DSITI) investigation, EHP has discussed the pending monitoring with DSITI and was advised that asbestos monitoring is to commence shortly. Asbestos monitoring is non-continuous and requires manual sampling. Due to its non-continuous nature, in order to detect the risk of health impacts from quarry operations, asbestos monitoring needs to be conducted during the most suitable weather conditions for this monitoring, ideally July to September. It is anticipated that EHP and DSITI will seek active community involvement for the asbestos monitoring. The results of the asbestos monitoring will be assessed against the accepted health criteria and provided in DSITI's final report which will be made publicly available upon completion. – what happens if the findings are ~~high~~ problematic → what are the next steps.

Crystalline Silica Dust

DSITI is currently conducting an investigation into the levels of respirable crystalline silica dust generated as a result of quarrying activities within the Ormeau / Luscombe area. As concentrations of crystalline silica dust are expected to be highest at the source of emission, the investigation has established two monitoring locations positioned in close proximity to two quarries in the area. While these sites do not represent the 'cumulative impact' from all of the quarries in the area, given their position adjacent to the quarries, these locations were chosen to allow DSITI to determine whether the crystalline silica dust levels experienced in close proximity to the quarry operations exceed the environmental health standards recommended for community health (3µg/m^3). It is anticipated that if the environmental health standards are exceeded at these locations within 'close proximity' to the quarries, EHP will seek to have the investigation expanded.

In addition to crystalline silica dust monitoring, continuous PM_{10} monitoring is conducted at the primary monitoring location in Luscombe. DSITI and EHP are currently in the process of establishing an additional continuous PM_{10} monitoring devise at the secondary monitoring location in Ormeau.

EHP RTI DL Release

elea

The continuous monitoring data referred to, was uploaded by DSITI on an annual basis. The data is not provided with the intention of establishing a live monitoring station similar to those established as part of DSITI's air monitoring network. Some of the monitoring conducted as part of the crystalline silica dust investigation is not of a continuous nature and is therefore not present in the dataset provided. DSITI has advised that the continuous monitoring data recorded as part of the investigation for January 2016 onwards will be uploaded in 2017. The results of all monitoring conducted as part of the investigation, including crystalline silica dust and asbestos concentrations, will be presented in the final report prepared by DSITI, which will be made publicly available upon completion.

Bio-aerosol Monitoring

The bio-aerosol monitoring program conducted in November 2015 was specifically in response to composting activities in Yatala that are regulated by EHP. The 'green waste shredding operation' referred to, being operated by Powes Haulage Pty Ltd (Powes), is not currently identified as an Environmentally Relevant Activity and therefore is not regulated by EHP. As such, the bio-aerosol monitoring program did not include monitoring of emissions from this operator.

Nuisance matters pertaining to activities of Powes fall under the jurisdiction of the council and it is noted that a copy of the letter has already been sent to the Mayor, Mr Tom Tate. EHP has contacted the council regarding the alleged dust nuisance from Powes and the council advised that a Penalty Infringement Notice (PIN) had previously been issued to the operator in relation to dust nuisance. However, the PIN was successfully contested in Court in November 2015.

Any future dust complaints pertaining to the operations of Powes should be made to the council's dust pollution reporting service on telephone 5667 5988.

Odour nuisance

With respect to the Phoenix Power Recyclers Pty Ltd Material Change of Use (MCU) application and the associated conditions placed on EHP's concurrence response (development permit) approved by the Court Order on 7 May 2014, please be advised that these conditions will only become effective once the operator enacts the activity to which the MCU relates. As the operator is yet to enact the activity, these conditions are not yet enforceable. Currently, the operator is conducting its composting activities under its existing approval and relevant conditions, granted in 2007.

The site is currently subject to an Environmental Protection Order (EPO). Requirement 2 of this EPO allows for the operator to install and operate forced aeration to new windrows as an alternative to the construction of a sealed enclosure. In December 2015, EHP inspected and verified the installation of aeration to fresh windrows. The EPO is still in effect and will continue to be subject to compliance assessment.

24/7 Air Quality Monitoring

$PM_{2.5}$ are produced from a wide range of man-made and natural sources including motor vehicle emissions, industrial activities, fires (controlled burns, bushfires, wood stoves), fossil fuel power plants, dust, pollen and sea spray.

Your concerns with respect to the elevated $PM_{2.5}$ concentrations observed on 20 May 2016 at Canon Hill are acknowledged. Cannon Hill is located approximately 30 kilometres to the north of Yatala and is subject to specific sources of $PM_{2.5}$ different to those sources that are likely to affect the Yatala region. Canon Hill is also located in an urban environment subject to increased levels of motor vehicle emissions as well as emissions from numerous industrial activities. It is therefore not directly relevant to crystalline silica dust from quarrying activities in the Yatala region.

Cannon Hill

Cannon Hill

EHP RTI Disclosure

Departmental Endorsement CTS 15640/16

The information contained in this reply is endorsed by EHP – ESR DDG as at 7 July 2016.

EHP RTI DL Release

Relea

Advice from the Department of Environment and Heritage Protection (EHP)

National Pollutant Inventory (NPI) Emission Data

The $PM_{2.5}$ (particulate matter 2.5 micrometers or less in diameter) particulate matter data referred to, sourced from the NPI, only includes particulate matter generated from the combustion of fuel in vehicles at the Holcim Beenleigh and Hanson Wolffdene quarries for the 2012/13 reporting period. It does not relate to dust emissions from rock extraction or crushing activities. The PM_{10} particulate matter data includes particulate matter generated from all activities associated with the quarry operation, including for example, blasting, crushing, materials handling, as well as from fuel combustion from vehicles. As such, the PM_{10} and $PM_{2.5}$ particulate matter emissions data for these operations cannot be used to calculate the total crystalline silica and asbestos dust emissions from these sites.

Asbestos Dust

Asbestos is the term used to describe a group of naturally occurring minerals whose characteristic feature is that they occur as fibres. Airborne particles (dust) range in size from 0.1µm to 500µm, however human health impacts are typically associated with particles of less than 10µm (PM_{10}), termed 'respirable' as these can enter deep into the lungs. The respirable fraction of dust (less than 10µm) is the mass of inhaled particles penetrating the smallest (non-ciliated) airways of the lungs.

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With respect to concerns regarding the asbestos monitoring anticipated to be conducted as part of the Department of Science, Information Technology and Innovation's (DSITI) investigation, EHP has discussed the pending monitoring with DSITI and was advised that asbestos monitoring is to commence shortly. Asbestos monitoring is non-continuous and requires manual sampling. Due to its non-continuous nature, in order to detect the risk of health impacts from quarry operations, asbestos monitoring needs to be conducted during the most suitable weather conditions for this monitoring, ideally July to September. It is anticipated that EHP and DSITI will seek active community involvement for the asbestos monitoring. The results of the asbestos monitoring will be assessed against the accepted health criteria and provided in DSITI's final report which will be made publicly available upon completion. Should the results of the monitoring show any risk to the community, EHP anticipates that the DSITI investigation will be expanded and where appropriate, action will be taken in accordance with EHP's Enforcement Guidelines.

Crystalline Silica Dust

DSITI is currently conducting an investigation into the levels of respirable crystalline silica dust generated as a result of quarrying activities within the Ormeau / Luscombe area. As concentrations of crystalline silica dust are expected to be highest at the source of emission, the investigation has established two monitoring locations positioned in close proximity to two quarries in the area. While these sites do not represent the 'cumulative impact' from all of the quarries in the area, given their position adjacent to the quarries, these locations were chosen to allow DSITI to determine whether the crystalline silica dust levels experienced in close proximity to the quarry operations exceed the environmental health standards recommended for community health ($3µg/m^3$). It is anticipated that if the environmental health standards are exceeded at these locations within 'close proximity' to the quarries, EHP will seek to have the investigation expanded.

In addition to crystalline silica dust monitoring, continuous PM_{10} monitoring is conducted at the primary monitoring location in Luscombe. DSITI and EHP are currently in the process of establishing an additional continuous PM_{10} monitoring device at the secondary monitoring location in Ormeau.

EHP RTI Dc. Release

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EHP RTI DL Release

Hon Dr Steven Miles MP
Minister for Environment and Heritage Protection and
Minister for National Parks and the Great Barrier Reef

Ref CTS 15640/16

Level 13
400 George Street Brisbane Qld 4000
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Telephone +61 7 3719 7330
Facsimile +61 7 3220 6231
Email environment@ministerial.qld.gov.au

sch4p4(6) Personal information

Dear)4(6) Personal inf(

Thank you for your letter of 16 June 2016 concerning air pollution in the Yatala area.

I can assure you that the Department of Environment and Heritage Protection (EHP) is taking your concerns seriously and is committed to the environmental monitoring underway in the area. EHP has provided me with detailed advice on concerns raised in your letter, as outlined in the enclosed document.

In the event you experience dust and odour nuisance incidents or other non-compliances, I encourage you to report these through EHP's Pollution Hotline on telephone 1300 130 372. EHP takes compliance matters seriously and if non-compliance is verified, appropriate enforcement action will be taken in accordance with EHP's enforcement guidelines.

With respect to your request for the implementation of a 24/7 live monitoring station, as previously advised, air quality monitoring falls under the jurisdiction of the Department of Science, Information Technology and Innovation and the portfolio responsibilities of the Honourable Leeanne Enoch MP, Minister for Innovation, Science and the Digital Economy and Minister for Small Business. I note that you have also written to Minister Enoch.

I hope this information has been of assistance to you. Should you have further enquiries, please contact Mr Philip Halton, Chief of Staff in my office on (07) 3719 7330.

Yours sincerely

DR STEVEN MILES MP
Minister for Environment and Heritage Protection and
Minister for National Parks and the Great Barrier Reef

Enc.

EHP RTI DL Release

Departmental Endorsement CTS 15640/16

The information contained in this reply is endorsed by EHP – ESR DDG as at 18 July 2016.

EHP RTI DL Release

Hon Dr Steven Miles MP
Minister for Environment and Heritage Protection and
Minister for National Parks and the Great Barrier Reef

Queensland Government

Ref CTS 15640/16

Level 13
400 George Street Brisbane Qld 4000
GPO Box 2454 Brisbane
Queensland 4001 Australia
Telephone +61 7 3719 7330
Facsimile +61 7 3220 6231
Email environment@ministerial.qld.gov.au

20 JUL 2016

sch4p4(6) Personal informat

Yatala Residents Alliance
PO Box 445
BEENLEIGH QLD 4207

Dear sch4p4(6) Personal informatio

Thank you for your letter of 16 June 2016 concerning air pollution in the Yatala area.

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I hope this information has been of assistance to you. Should you have further enquiries, please contact Mr Philip Halton, Chief of Staff in my office on (07) 3719 7330.

Yours sincerely

DR STEVEN MILES MP
Minister for Environment and Heritage Protection and
Minister for National Parks and the Great Barrier Reef

Enc.

EHRTI DL Release

Advice from the Department of Environment and Heritage Protection (EHP)

National Pollutant Inventory (NPI) Emission Data

The $PM_{2.5}$ (particulate matter 2.5 micrometers or less in diameter) particulate matter data referred to, sourced from the NPI, only includes particulate matter generated from the combustion of fuel in vehicles at the Holcim Beenleigh and Hanson Wolffdene quarries for the 2012/13 reporting period. It does not relate to dust emissions from rock extraction or crushing activities. The PM_{10} particulate matter data includes particulate matter generated from all activities associated with the quarry operation, including for example, blasting, crushing, materials handling, as well as from fuel combustion from vehicles. As such, the PM_{10} and $PM_{2.5}$ particulate matter emissions data for these operations cannot be used to calculate the total crystalline silica and asbestos dust emissions from these sites.

Asbestos Dust

Asbestos is the term used to describe a group of naturally occurring minerals whose characteristic feature is that they occur as fibres. Airborne particles (dust) range in size from 0.1µm to 500µm, however human health impacts are typically associated with particles of less than 10µm (PM_{10}), termed 'respirable' as these can enter deep into the lungs. The respirable fraction of dust (less than 10µm) is the mass of inhaled particles penetrating the smallest (non-ciliated) airways of the lungs.

As such, it is important to note that while the rock composition at the Hanson Wolffdene quarry may be estimated at 3% asbestos, only the 'respirable' fraction of liberated asbestos material may pose a health risk.

With respect to concerns regarding the asbestos monitoring anticipated to be conducted as part of the Department of Science, Information Technology and Innovation's (DSITI) investigation, EHP has discussed the pending monitoring with DSITI and was advised that asbestos monitoring is to commence shortly. Asbestos monitoring is non-continuous and requires manual sampling. Due to its non-continuous nature, in order to detect the risk of health impacts from quarry operations, asbestos monitoring needs to be conducted during the most suitable weather conditions for this monitoring, ideally July to September. It is anticipated that EHP and DSITI will seek active community involvement for the asbestos monitoring. The results of the asbestos monitoring will be assessed against the accepted health criteria and provided in DSITI's final report which will be made publicly available upon completion. Should the results of the monitoring show any risk to the community, EHP anticipates that the DSITI investigation will be expanded and where appropriate, action will be taken in accordance with EHP's Enforcement Guidelines.

Crystalline Silica Dust

DSITI is currently conducting an investigation into the levels of respirable crystalline silica dust generated as a result of quarrying activities within the Ormeau / Luscombe area. As concentrations of crystalline silica dust are expected to be highest at the source of emission, the investigation has established two monitoring locations positioned in close proximity to two quarries in the area. While these sites do not represent the 'cumulative impact' from all of the quarries in the area, given their position adjacent to the quarries, these locations were chosen to allow DSITI to determine whether the crystalline silica dust levels experienced in close proximity to the quarry operations exceed the environmental health standards recommended for community health ($3\mu g/m^3$). It is anticipated that if the environmental health standards are exceeded at these locations within 'close proximity' to the quarries, EHP will seek to have the investigation expanded.

In addition to crystalline silica dust monitoring, continuous PM_{10} monitoring is conducted at the primary monitoring location in Luscombe. DSITI and EHP are currently in the process of establishing an additional continuous PM_{10} monitoring device at the secondary monitoring location in Ormeau.

EHP RTI Release

elea

The continuous monitoring data referred to, was uploaded by DSITI on an annual basis. The data is not provided with the intention of establishing a live monitoring station similar to those established as part of DSITI's air monitoring network. Some of the monitoring conducted as part of the crystalline silica dust investigation is not of a continuous nature and is therefore not present in the dataset provided. DSITI has advised that the continuous monitoring data recorded as part of the investigation for January 2016 onwards will be uploaded in 2017. The results of all monitoring conducted as part of the investigation, including crystalline silica dust and asbestos concentrations, will be presented in the final report prepared by DSITI, which will be made publicly available upon completion.

Bio-aerosol Monitoring

The bio-aerosol monitoring program conducted in November 2015 was specifically in response to composting activities in Yatala that are regulated by EHP. The 'green waste shredding operation' referred to, being operated by Powes Haulage Pty Ltd (Powes), is not currently identified as an Environmentally Relevant Activity and therefore is not regulated by EHP. As such, the bio-aerosol monitoring program did not include monitoring of emissions from this operator.

Nuisance matters pertaining to activities of Powes fall under the jurisdiction of the council and it is noted that a copy of the letter has already been sent to the Mayor, Mr Tom Tate. EHP has contacted the council regarding the alleged dust nuisance from Powes and the council advised that a Penalty Infringement Notice (PIN) had previously been issued to the operator in relation to dust nuisance. However the PIN was successfully contested in Court in November 2015.

Any future dust complaints pertaining to the operations of Powes should be made to the council's dust pollution reporting service on telephone 5667 5988.

Odour nuisance

With respect to the Phoenix Power Recyclers Pty Ltd Material Change of Use (MCU) application and the associated conditions placed on EHP's concurrence response (development permit) approved by the Court Order on 7 May 2014, please be advised that these conditions will only become effective once the operator enacts the activity to which the MCU relates. As the operator is yet to enact the activity, these conditions are not yet enforceable. Currently, the operator is conducting its composting activities under its existing approval and relevant conditions, granted in 2007.

The site is currently subject to an Environmental Protection Order (EPO). Requirement 2 of this EPO allows for the operator to install and operate forced aeration to new windrows as an alternative to the construction of a sealed enclosure. In December 2015, EHP inspected and verified the installation of aeration to fresh windrows. The EPO is still in effect and will continue to be subject to compliance assessment.

24/7 Air Quality Monitoring

$PM_{2.5}$ are produced from a wide range of man-made and natural sources including motor vehicle emissions, industrial activities, fires (controlled burns, bushfires, wood stoves), fossil fuel power plants, dust, pollen and sea spray.

Your concerns with respect to the elevated $PM_{2.5}$ concentrations observed on 20 May 2016 at Cannon Hill are acknowledged. Cannon Hill is located approximately 30 kilometres to the north of Yatala and is subject to specific sources of $PM_{2.5}$ different to those sources that are likely to affect the Yatala region. Cannon Hill is also located in an urban environment subject to increased levels of motor vehicle emissions as well as emissions from numerous industrial activities. It is therefore not directly relevant to crystalline silica dust from quarrying activities in the Yatala region.

EHP RTI DL Release

Releas

MECS
(CTS NO. 16111/16)
FINALISED
(EHP - MINISTER)

CTS No: 16111/16 *Currently Assigned To:* GLOSKO Br *DUE:*

Concerning: Yatala Residents Alliance / air pollution / dust / asbestos /crystalline silica / pollution from business operators in area / further to Gold Coast Community Cabinet meeting 15 May 2016 / already being answered

Templates:

Campaign:

Security Classification: EHP - Unrestricted

Ack Letter Template:

Organisational Entity: EHP

CLIENTS (2)

Role	*Name*	*Client Type*	*Organisation/Company*	*Post code*	*Locality*	*Primary*
Original Correspondent	6) Personal	ORG - Organisation/Entity	Yatala Residents Alliance	4207		Yes
Original Correspondent	The Honourable Dr Anthony Lynham MP	MIN - Qld/Other State Ministers	Minister for State Development and Minister for Natural Resources and Mines	4000		No

ACKNOWLEDGEMENT LETTER DETAILS

Reply to Name: *Position:*

Reply To Org:

Reply to Address:

Regarding:

DEPARTMENTAL DETAILS

Business Area: EHP - ESR IaDaSQC *Business Unit:* SQC - Gold Coast

Business Sub Unit:

Action Type: Noting Only

Redraft Reason:

Executive Contact: Corro EHP ESR IaDaSQ *Agency Author:*

Click for Attachments
View FW Incoming referral for EHP

Related Correspondence (5 of 6)
15640/16 - Yatala Residents Alliance / air pollution / dust**18510/16** - Yatala Residents Alliance /Asbestos dust / dust**19157/16** - Yatala Residents Alliance / air pollution / dust**21631/16** - Yatala / air pollution / asbestos air sampling**24796/16** - GOLD COAST / COMMUNITY CABINET / 15 May 2016 /

My Recently Opened Items
05058/15 - Hanson quarry / asbestos issues / silica /**12768/15** - Yatala Residents Alliance / dust and bio aerosol**04796/15** - Yatala / Ormeau / dust monitoring / request for**09258/16** -

73 irrelevant informa

EHP RTI DL Release

INVOLVEMENT DETAILS

COMMENTS

DATES

Created:	24/06/16	*Dated:*	23/06/16
Received:	24/06/16		
Draft Due to EHP - Minister:		*Draft Received by EHP - Minister:*	30/06/16
		Date Sent for Signoff:	
Due Signatory:		*Sent for Redraft:*	
Signed:		*Finalised:*	30/06/16
YOUR DUE DATE:		*EC Officer Allocated:*	27/06/16

GENERAL DETAILS

External Reference No:		*Thesaurus No:*	MS
Classification:	Providing Information	*Locality:*	4210-4299 South East -

SIGNATORIES

Select the next Signatory:		*Due Date:*	
Date Submitted:		*Date Received:*	

Current Signatories

Signatory Due Date Date Completed Submitted To Received From

Default Signatories

Signatory Response Due

INPUT OFFICERS

Pending Input Officers

For Input Details

INFORMATION OFFICERS

Pending Information Officers

For Information Details

EHP RTI DL Release

Relea

COMMENTS LIST

Date Added	*Added By*	*COMMENT HISTORY*
30/06/16 18:46	LANDS\gloskob	Information Accepted and Item Finalised by GLOSKO Brett (who was the CAP)
28/06/16 09:32	LANDS\CanavanM	Workflow was CCd to HERTSLET Bryce;SPENCE Samantha for Information by CANAVAN Maria (who was acting for: Corro EHP ESR IaDaSQC) with the following instructions:
28/06/16 09:32	LANDS\CanavanM	Allocated to GLOSKO Brett by CANAVAN Maria (who was acting for: Corro EHP ESR IaDaSQC) for Information Only. Hi Brett, for noting only. Same letter as CTS 15640/16. Please 'Accept Information' to finalise the item. Thanks, Maria.
27/06/16 17:35	LANDS\UferC	Allocated to Corro EHP ESR IaDaSQC by UFER Cathy (who was acting for: EHP - Minister) for Information Only. Same letter as CTS 15640/16 - For your information and any necessary action. Please click “Accept Information” when this correspondence has been noted.
24/06/16 14:20	LANDS\UferC	Item created by UFER Cathy

frmFinalisedItemSuper - 4.51.2103.0

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When the MECS item has been completed there may be a business need to save all the finalised attachments into eDOCS within the relevant business area file.

MECS contains personal information that may be used for departmental purposes only. Please consider your obligations under the Code of Conduct when accessing, using and disclosing this information as inappropriate access, use or disclosure could breach the *Information Privacy Act 2009*.

EHP RTI DL Release

From: KERRIDGE Andrea [Andrea.Kerridge@ehp.qld.gov.au] on behalf of DLO EHP [DLO.EHP@ehp.qld.gov.au]
Sent: Thursday, 23 June 2016 4:37 PM
To: Corro EHP Minister
Subject: FW: Incoming referral for EHP
Attachments: DMView_1466642467424_15512-16_1098993_.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

MECU – In Liz's absence, can you please print and register this referral from DNRM. Also, as the attachments are bulky, I suggest you only print the email from DNRM and the covering DNRM action sheet perhaps. Send to the department for noting only and mention that a reply is progressing on CTS 15640/16.

I will also forward a copy of my email back to DNRM accepting this as a referral.

It is the EXACT same correspondence as received direct to Minister Miles at CTS 15640/16 which is progressing for reply. No need to reference the DNRM referral as 4(6) Personal in sent to many departments.

Regards Andrea A/DLO

From: DLO DNRM
Sent: Thursday, 23 June 2016 10:42 AM
To: DLO EHP
Subject: Incoming referral for EHP

Good morning Gary,

Please see attached incoming that DNRM has referred to EHP to respond to.
Would you kindly accept this as the official referral.

I await your earliest advice on this.

Many thanks,

Rhylie Austin
Assistant Departmental Liaison Officer
Department of Natural Resources and Mines

Level 17, 61 Mary Street Brisbane
PO Box 15216, City East Queensland 4002
Phone 07 3199 7642 (77642)
Email dlonrm@dnrm.qld.gov.au

EHP RTI DL Release

Minister for State Development and Minister for Natural Resources and Mines

EXECUTIVE CORRESPONDENCE ACTION SHEET - NATURAL RESOURCES AND MINES

MO REF MO/16/1015	☐ Consult DSD
DATE RECEIVED MO 17/6/16	☐ Consult Other:

RESPONSE/ACTION REQUIRED

☐ For reply under Minister's signature

☑ For reply under Chief of Staff's signature ☐ For referral under Chief of Staff's signature

☐ For acknowledgement under Chief of Staff's signature

☐ For reply under Policy Advisor's signature ☐ Simon ☐ Corryn ☐ For referral under Policy Advisor's signature ☐ Simon ☐ Corryn

☐ For departmental response under ☐ Deputy Director-General's ☐ Director-General's signature

CONTACT PROVIDED IN LETTER

☐ Departmental Rep (Default) ☐ Chief of Staff ☐ Policy Advisor

		COPY ***(Internal action within Minister's Office)***	
☑ **Urgent response**	**Required by:** 21/6/16	☐ Minister	☐ Chief of Staff
☐ **Routine response**		☐ SPA	☐ SMA
☐ **Briefing note - Noting/Decision**		☐ Policy Advisor	☐ Caucus Liaison
☐ **Briefing note - Meeting**		☐ Personal Assistant/Office Manager	
☐ **No response required**		☐ Director-General	
☐ **Department to contact and resolve**		☐ Other	
☐ **Complaint**			

CTS 15512/16

MINISTER'S OFFICE COMMENTS:

If we oversee any safety aspects ~~App~~ provals etc plese provide urgnt response.
If not pls refer urgently to relevt Minister 21/6/16

RECEIVED
22 JUN 2016
DNRM CORRO

DEPARTMENTAL ALLOCATION (Departmental Liaison Officer to complete)

☐ Director-General	
☐ PPS	☐ NR
☒ MER SAH	☐ BCP

DLO COMMENTS: If no Safety aspects ~~app~~ /approval please advise DLO urgently so we can refer to relevant minister.

EHP RTI DL Release

MECS
(CTS NO. 18510/16)
FINALISED
(EHP - MINISTER)

CTS No: 18510/16 *Currently Assigned To:* IMMISCH E *DUE:*

Concerning: Yatala Residents Alliance /Asbestos dust / dust complaint #585 / demand action within 14 days / 37% Silica and 3% actinolite asbestos

Templates:

Campaign:

Security Classification: EHP - Unrestricted *Ack Letter Template:*

Organisational Entity: EHP

CLIENTS (1)

Role	*Name*	*Client Type*	*Organisation/Company*	*Post code*	*Locality*	*Primary*
Original Correspondent	Persona	ORG - Organisation/Entity	Yatala Residents Alliance	4207		Yes

ACKNOWLEDGEMENT LETTER DETAILS

Reply to Name: *Position:*

Reply To Org:

Reply to Address:

Regarding:

DEPARTMENTAL DETAILS

Business Area: EHP - ESR IaDaSQC *Business Unit:* SQC - Gold Coast

Business Sub Unit:

Action Type: Noting Only

Redraft Reason:

Executive Contact: Corro EHP ESR IaDaSQ *Agency Author:*

INVOLVEMENT DETAILS

COMMENTS

Click for Attachments **View** Incoming YRA

Related Correspondence (5 of 8)
12238/16 - GOLD COAST COMMUNITY CABINET / 15 May 2016 /**12651/16** - Yatala Residents Alliance / further information**14399/16** - GOLD COAST COMMUNITY CABINET / 15 May 2016 /**15640/16** - Yatala Residents Alliance / air pollution / dust**16111/16** - Yatala Residents Alliance / air pollution / dust

My Recently Opened Items
16111/16 - Yatala Residents Alliance / air pollution / dust**05058/15** - Hanson quarry / asbestos issues / silica /**12768/15** - Yatala Residents Alliance / dust and bio aerosol**04796/15** - Yatala / Ormeau / dust monitoring / request for**09258/16** -

s.73 irrelevant informati

EHP RTI DL Release

DATES

Created:	21/07/16	*Dated:*	19/07/16
Received:	21/07/16		
Draft Due to EHP - Minister:		*Draft Received by EHP - Minister:*	09/08/16
		Date Sent for Signoff:	
Due Signatory:		*Sent for Redraft:*	
Signed:		*Finalised:*	09/08/16
YOUR DUE DATE:		*EC Officer Allocated:*	26/07/16

GENERAL DETAILS

External Reference No:		*Thesaurus No:*	MS
Classification:	Seeking Information	*Locality:*	4210-4299 South East -

SIGNATORIES

Select the next Signatory:		*Due Date:*	
Date Submitted:		*Date Received:*	

Current Signatories

Signatory	***Due Date***	***Date Completed***	***Submitted To***	***Received From***

Default Signatories

Signatory	***Response Due***

INPUT OFFICERS

Pending Input Officers

For Input	***Details***

INFORMATION OFFICERS

Pending Information Officers

For Information	***Details***

COMMENTS LIST

EHP RTI DL Release

Date Added	*Added By*	*COMMENT HISTORY*
09/08/16 17:15	LANDS\gloskob	Information Accepted and Item Finalised by GLOSKO Brett (who was acting for: IMMISCH Eugene)
09/08/16 16:48	LANDS\immisce	Workflow was CCd to GLOSKO Brett for Information by IMMISCH Eugene (who was the CAP) with the following instructions:
08/08/16 10:00	LANDS\CanavanM	Workflow was CCd to GLOSKO Brett;IMMISCH Eugene for Information by CANAVAN Maria (who was acting for: IMMISCH Eugene) with the following instructions: Hi Eugene, just a reminder to "Accept Information" once incoming correspondence has been noted to finalise the item. Thanks, Maria.
26/07/16 14:06	LANDS\CanavanM	Workflow was CCd to SPENCE Samantha;HERTSLET Bryce for Information by CANAVAN Maria (who was acting for: Corro EHP ESR IaDaSQC) with the following instructions:
26/07/16 14:06	LANDS\CanavanM	Allocated to IMMISCH Eugene by CANAVAN Maria (who was acting for: Corro EHP ESR IaDaSQC) for Information Only. Hi Eugene, for noting only. Please "Accept Information" once incoming correspondence has been noted to finalise the item. Thanks, Maria.
26/07/16 14:00	LANDS\HallA1	Allocated to Corro EHP ESR IaDaSQC by HALL Ali (who was acting for: EHP - Minister) for Information Only. For information and any necessary action, please select "Accept Information" when this item has been noted. Related item CTS 15640/16 addresses 4p4(6) Personal infor concerns.
21/07/16 12:35	LANDS\MonteithJ	Item created by MONTEITH Joshua

frmFinalisedItemSuper - 4.51.2103.0

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When the MECS item has been completed there may be a business need to save all the finalised attachments into eDOCS within the relevant business area file.

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EHP RTI DL Release

MINISTERIAL

REQUEST FORM

Minister's Office to complete

MINISTERIAL OFFICER			
Minister's Office reference: MIN/16/ 2404			
☐	Stephen Gay (CoS)	☑	Nicole Lessio (SPA)
☐	Virginia Dale (PA)	☐	Jessica Boland (APA)
☐ URGENT		NEEDED BY: / /2016	
MINISTERIAL OFFICER SIGNATURE: NL		20 / 7 /2016	

☐ Information Technology
☐ Science
☐ Innovation

PLEASE PROVIDE	SIGN OFF BY
☐ Letter of Response & Correspondence Brief	☐ Minister
☐ Briefing note	☑ Chief of Staff
☐ Dot point brief	☑ Senior Policy Advisor
☐ Meeting Brief	☐ Policy Advisor
☑ Refer to other Minister/MP	☐ Advisor
☐ Refer to Director-General ☐ Response required	
☐ Refer to Department for meeting	
☐ Refer to Department ☐ Response required	☐ Noted no action required
☐ Contact by Phone within 48 hours	☐ Ministerial Office Interim response required

Instructions for the Department:

DEPARTMENT ACTION: DLO to complete

Dept Ref: /16	**DLO Received:** / /16
Concerning:	

ALLOCATE TO	TIMEFRAMES
Lead:	Reply Due to ESU/ DLO : ___/___/___
Support:	DG Office: ___/___/___
Divisional Endorsement:	Mins Office: ___/___/___
☐ Strategic Policy and Innovation ☐ AQIU	
☐ Science ☐ Digital Productivity and Services	
☐ Change and Operations ☐ QGCIO	
☐ Queensland Shared Services ☐ Strategic ICT	
☐ Internal Audit ☐ Queensland Chief Scientist	

DLO comments:

If you require any further assistance regarding this request, please contact the Department Liaison Office:
Peta Johnston on 3719 7993
Courtney de Kever Kling on 3719 7984

LHP RTI DL Release

Jerome Pang

From: sch4p4(6) Personal information
Sent: Tuesday, 19 July 2016 3:28 PM
To: Office of the Minister for Innovation, Science and the Digital Economy and Minister for Small Business
Subject: FW: YRA response to Letter CTS 15640/16 _ is 37% SILICA AND 3% ACTINOLITE ASBESTOS IN DUST IN OUR AIR A RISK TO OUR COMMUNITY BE IT RESIDENTS OR THOSE BUSINESS OWNERS HERE NOW OR POSSIBLY LOCATING HERE IN YATALA AND ORMEAU QUEENSLAND
Attachments: YRA Letter to Hon Dr Steven Miles 13th July 2016.pdf; Dust complaint #585.jpg; image3 (2) re complaint 585 6 July 2016.jpg; FW__Dust (3) Vennor drive dust photos June July 2016.zip

Dear Hon Leeanne Enoch MP,

We have NOT had an ACKNOWLEDGEMENT from either you or your Department to our email dated 13th July 2016.

In the event that this email was not received and as a result of the above we have RESENT the email and it's attachments again today.

We respectively ask that this email be acknowledged as received.

Yours truly,

YRA Committee Members

For and on behalf of YRA Members

Date: 19th July 2016

EHP RTI DL Release

Yatala Residents Alliance
A COMMUNITY VOICE

MISSION STATEMENT: "A Community voice surrounding topics which impact the lifestyle, health and environment of residents near commercial and industrial developments in the Yatala Enterprise Area"

Disclaimer:
No warranty is given as to the accuracy of this information, and persons who rely on it do so at their own risk. To the extent permitted by law, neither Yatala Residents Alliance (YRA) nor its members, employees and agents, is liable for any claim, loss, damage cost or expense sustained or incurred by any person directly or indirectly arising as a result of reliance on an opinion, advice, recommendation, representation of the information expressly or impliedly contained in this document notwithstanding any error or omission including negligence. If you require any further information in relation to this document or it's contents, please contact the YRA committee via email on yra@yatala.info

From: sch4p4(6) Personal information
Sent: Wednesday, 13 July 2016 4:18 PM
To: environment@ministerial.qld.gov.au; Mount.Coot-tha@parliament.qld.gov.au
Cc: The.Premier@premiers.qld.gov.au; sdnrm@ministerial.qld.gov.au; innovation@ministerial.qld.gov.au; health@ministerial.qld.gov.au; Mark Boothman MP - Member for Albert ; Bert Van Manen MP - Federal Member for

Forde; Tom Tate; Deputy Mayor Councillor Donna Gates - Division 1; yra@yatala.info
Subject: YRA response to Letter CTS 15640/16 _ is 37% SILICA AND 3% ACTINOLITE ASBESTOS IN DUST IN OUR AIR A RISK TO OUR COMMUNITY BE IT RESIDENTS OR THOSE BUSINESS OWNERS HERE NOW OR POSSIBLY LOCATING HERE IN YATALA AND ORMEAU QUEENSLAND

Dear Hon Dr Steven Miles MP – Minister for Environment and Heritage Protection and Minister for National Parks and Great Barrier Reef,

On behalf of the residents of Yatala and Ormeau (Queensland 4207/4208) we would very much appreciate **ACTION** right now from **you and your department** (plus any other state department whom may be responsible for a reply) to allay our fears about the harm the dust from the rock crush from the quarries in the area. How long does it take to evaluate this issue – not 18 month plus, as we have all now waited? How long does it take to know that asbestos can cause a form of cancer – we all know that NOW!

Please read our attached letter with a viewing of all the attached files and we implore you to ensure that ALL THE RELEVANT DEPARTMENTS reply ASAP – DEHP and DSTI as well, as the Dept. of Health and the Dept. of Mines. We have been sending queries and communications from way back earlier than 2014 – enough is enough!

Our community respectfully needs an answer from those whose role is to keep us all safe while making sure that our State and Country move forward. YRA agrees with all of that BUT why are we being ignored on an issue that can be resolved sensibly?

Yours truly,

YRA Committee

4p4(6) Personal infori

For and on behalf of YRA Members

Date: 13th July 2016

Yatala Residents Alliance
A COMMUNITY VOICE

MISSION STATEMENT: "A Community voice surrounding topics which impact the lifestyle, health and environment of residents near commercial and industrial developments in the Yatala Enterprise Area"

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EHP RTI DL Release

Yatala Residents Alliance
A COMMUNITY VOICE
PO Box 445, Beenleigh, QLD, 4207.
Email: yra@yatala.info
www.yatala.info
"A Community voice surrounding topics which impact the lifestyle, health & environment of residents near commercial & industrial developments in the Yatala Enterprise Area"

The Honourable Dr Steven Miles MP
Minister for Environment and Heritage Protection and Minister for National Parks and the Great Barrier Reef
GPO Box 2454
Brisbane
Queensland 4001

13th July 2016
Email: environment@ministerial.qld.gov.au Mount.Coot-tha@parliament.qld.gov.au

Re-Continuation and response to your letters CTS 15640/16 dated 22 June 2016 and CTS 12238/16 dated 8 June 2016

Dear Minister Miles,

On the 6th of July 2016, YRA received a copy of a dust complaint #585 from a resident in Vennor Drive, Ormeau, showing the time of 10.30am. As further evidence, another resident of Vennor Drive then took a photo of this ongoing dust event at 16:38 pm on the same day 16 July 2016. This photo is provided below and with the email attachments titled "complaint_ 585.jpg" and "Image 3 (2) re complaint 585 6 July 2016".

YRA asks you to envisage that resident was **YOURSELF**, would you not be concerned about the harm that the dust clouds enveloping your home were doing to your family's health? Especially if you knew that the said dust contained 37% silica and 3 % actinolite asbestos and you were aware that both the crystalline silica and actinolite were known carcinogens, responsible for various lung cancers amongst which is mesothelioma, along with other respiratory diseases. Please refer to the following extract regarding actinolite asbestos which comprises additional link for further information:

Actinolite Asbestos

Actinolite asbestos is a form of amphibole asbestos. Like other types of amphibole asbestos, it consists of long, sharp fibers and its make up is very similar to that of another amphibole variety - tremolite asbestos. Varying in color from white or gray to dark brown, it is commonly found in metamorphic rocks. Actinolite asbestos is fairly rare and was not often used in asbestos-containing products but, nonetheless, its use has been regulated since the late 1970s.

As a naturally-occurring mineral, it isn't unusual for actinolite to be discovered in rocks or soil. In 2002, about 30,000 cubic yards of rock that was taken from a university property and dumped in the Meadowlands in northern New Jersey was found to contain about 10 percent actinolite. This presented an obvious danger to those in the area. Furthermore, at the site of the university – Stevens Institute – excavators who were drilling and blasting did so without regard for those in the area, even though the presence of asbestos may have been detected.

As with all forms of asbestos, actinolite is a known carcinogen that can cause mesothelioma cancer. Its tiny, sharp fibers, when airborne, are easy to inhale. Because it is of the amphibole family, actinolite fibers are particularly difficult to expel after they are absorbed by the body and can cause scarring, irritation, and – eventually – asbestos-related diseases. It is important to note, however, that there are non-fibrous forms of actinolite that do not pose any health problems such as mesothelioma.

Read more: http://www.mesothelioma.com/asbestos-cancer/asbestos-types/actinolite.htm#ixzz4Dc0r2EJJ

16-349 File C 62

EHP RTI DI Release

Vennor Drive, Ormeau, Qld - 16.38pm on 6th July 2016

Furthermore would you not be **even more concerned** if you knew that a quarry in Gympie was closed in 2010 for having an asbestos content in the rock as described in the newspaper article as only grams in comparison to a ton of rock, when you also knew that quarries near your home contained 30 kilograms of actinolite asbestos per ton of rock? That is THIRTY THOUSAND TIMES THE LEVEL OF POTENTIAL ASBESTOS FIBRES IN THE AIR THAT YOU ARE EXPOSED TO, IN COMPARISON TO THE LEVELS OF THE GYMPIE QUARRY AS PER THE NEWSPAPER REPORT IN THIS LINK.
http://www.gympietimes.com.au/news/asbestos-warning-staff-lungs-quarry-monkland/625655/

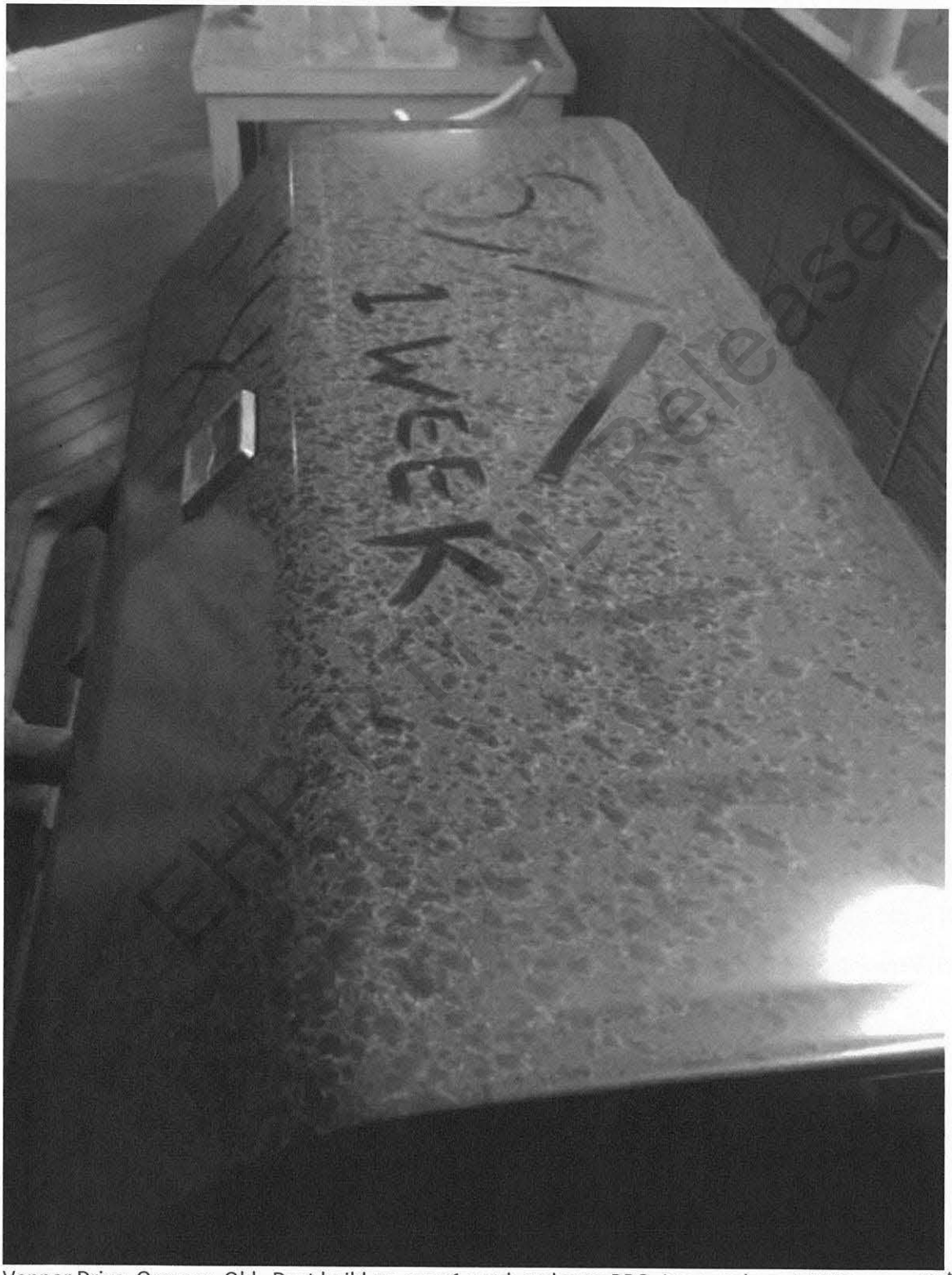
This next link below, will take you to a rock/petrology report for a quarry MCU application in the Darlington ranges (the rock composition was confirmed by DEHP in a letter dated 22 December 2014 for Yatala and Ormeau area) The pdf file in the link clearly shows on page 1- 37% Silica and on page 5 in the table under the heading of secondary minerals 3% Actinolite.

http://pdonline.goldcoast.qld.gov.au/masterview/modules/common/default.aspx?page=search
To find the rock analysis report in this pdonline link follow the instructions below:

- ➔ Click on Development application tracking (DA Tracking)
- ➔ In box titled application number enter "201300734"
- ➔ On the page that opens click on the magnifying glass MCU201300734
- ➔ On the page that opens titled "application details" continue scrolling down the page until you reach a section titled "Completed response to the city of gold coast information request for Hanson Wolffdene quarry" this section contains 28 pdf files, the petrology report can be viewed by clicking on the **Pdf file Part 27**.

DEHP Public Release

Minister Miles further to all of the above, we have been forwarded photographs of dust from Vennor Drive residents. We ask you to seriously view and **then question whether the 120 milligram per square metre nuisance dust deposition test/condition required of the quarries in their development permits is indeed sufficient or accurate enough**, if it permits these levels of dust at residential premises adjacent to quarries? The following is one sample of these photos and the rest are provided in the attachment titled "FW_Dust (3) Vennor Drive dust photos June July 2016".



Vennor Drive, Ormeau, Qld. Dust build-up over 1 week on home BBQ. Image taken at 18.35pm on 25th June 2016

For Release

Based on the specific gravity of solid packed earth and on a maximum deposition rate of 120 milligrams per square metre per day, it would require some 4 years for the dust level to reach a thickness equivalent to a sheet of A4 copy paper. We concede that this thickness will vary dependant on the actual makeup of the rock in our area. **However we would be most interested if your experts can explain how the deposition rates on the furniture and properties in Vennor Drive and other residences in Yatala and Ormeau can be considered acceptable**, when based on our observations of the photos of the dust levels, that the true level over that 4 year period could be approaching dangerously and embarrassingly higher levels - perhaps in the range of 10-100 or more times the acknowledged permissible level.

Minister Miles, on the basis that **YOU** were one of those residents in Ormeau and under the current circumstances would you not also be extremely disappointed at the apparent lack of concern and respect shown to your predicament by your government representatives and authorities who, after over one and a half years of delays, have not given you any clear information in regard to your families or communities safety?

How can anyone treat an urgent request with such obvious lack of concern or respect as to allow this to drag on for over one and a half years with no clear end in sight? Unless communication was initiated repeatedly by the affected community in Ormeau and Yatala, there would have been no communication by anyone in authority during that entire time. How disgraceful is this!

With all due respect, URGENT means URGENT! We await a clear and prompt answer as to the state of our safety within the FOURTEEN DAYS from the date of this communication. No further stalling is acceptable - one and a half years of uncertainty is just not good enough!

Yours truly,

Yatala Residents Alliance Committee

4p4(6) Personal infor

EHP RTI DL Release

FOR and on BEHALF of the YRA Members – all of whom have received a copy of this correspondence and your previous correspondence in reply to the YRA Letters.

Please read this letter with attachments provided in the email and labelled:

1) YRA Letter to Hon Dr Steven Miles 13 July 2016
2) Complaint Letter – 585.jpg
3) Image 3 (2) re complaint 585 6 July 2016
4) FW_Dust (3) Vennor Drive dust photos June July 2016

COPIES TO:

Premier Hon Annastacia Palaszczuk - Premier and Minister for the Arts
The.Premier@premiers.qld.gov.au

Hon Dr Anthony Lynham MP – Minister for State Development and Minister for Natural Resources and Mines.
sdnrm@ministerial.qld.gov.au Stafford@parliament.qld.gov.au

Hon Leeanne Enoch MP - Minister for Innovation, Science and the Digital Economy and Minister for Small Business
innovation@ministerial.qld.gov.au

Hon Cameron Dick – Minister for Health
health@ministerial.qld.gov.au

Mark Boothman MP – Member for Albert
albert@parliament.qld.gov.au

Hon Bert van Manen MP – Federal Member for Forde
bert.vanmanen.mp@aph.gov.au

Tom Tate – Mayor Gold Coast City Council
mayor@goldcoast.qld.gov.au

Donna Gates – Deputy Mayor and Division 1 Councillor Gold Coast City Council
division1@goldcoast.qld.gov.au

EHP RTI DL Release

Yatala Residents Alliance
A COMMUNITY VOICE

MISSION STATEMENT: "A Community voice surrounding topics which impact the lifestyle, health and environment of residents near commercial and industrial developments in the Yatala Enterprise Area"

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with how this message is displayed, click here to view it in a web browser.

YRA <complaints@yatala.info>

otline; Division1

munity Watch (Air Complaints Line) [#585]

16-349

nessage:

unity Watch (Air Complaints Line) [#585]
6 at 11:11:53 AM AEST
yatala.info

or YRA to forward your complaint on to the relevant authorities ollution Hotline? *	Yes
	Confidential
nail *	Confidential
dent *	10:30:05 AM
ncident occured. *	Wednesday 6 July 2016
: the incident occurred - refer to the map on the previous web	Map Zone D
t. *	Dust
l direction at the time of the incident - if in doubt refer to the D DIRECTION page link on the previous web page. *	From the south west to the north east
ut the incident INCLUDING a description of the smell e.g.: ash, , lemon etc	Today it is happening again - Quarry allowing silica dust to go over Vennor Drive and the good people of Ormeau anc Queensland. DEHP fail to stop the lawless quarry operation DEHP are allowing this lawless operation to continue and endanger the health and well being of locals having to live with this Please make this operation stop releasing dust beyond their boundaries.

This information is with the authorities listed above.

this message.
- www.avg.com
540 / Virus Database: 4613/12564 - Release Date: 07/05/16

EHP RTIDL Release

MECS
(CTS NO. 19157/16)
FINALISED
(EHP - MINISTER)

CTS No: 19157/16 *Currently Assigned To:* GLOSKO Br *DUE:*

Concerning: Yatala Residents Alliance / air pollution / dust / asbestos /crystalline silica / pollution from business operators in area / response to CTS 15640/16

Templates:

Campaign:

Security Classification: EHP - Unrestricted *Ack Letter Template:*

Organisational Entity: EHP

CLIENTS (1)

Role	*Name*	*Client Type*	*Organisation/Company*	*Post code*	*Locality*	*Primary*
Original Correspondent	Persona	ORG - Organisation/Entity	Yatala Residents Alliance	4207		Yes

ACKNOWLEDGEMENT LETTER DETAILS

Reply to Name: *Position:*

Reply To Org:

Reply to Address:

Regarding:

DEPARTMENTAL DETAILS

Business Area: EHP - ESR IaDaSQC *Business Unit:* SQC - Gold Coast

Business Sub Unit:

Action Type: Noting Only

Redraft Reason:

Executive Contact: Corro EHP ESR IaDaSQ *Agency Author:*

INVOLVEMENT DETAILS

Click for Attachments **View** Incoming - CTS 15640 16 - Air Pollution in the

Related Correspondence (5 of 8)
14399/16 - GOLD COAST COMMUNITY CABINET / 15 May 2016 /**14867/16** - Gold Coast Community Cabinet discussions / Yatala**15640/16** - Yatala Residents Alliance / air pollution / dust**16111/16** - Yatala Residents Alliance / air pollution / dust**18510/16** - Yatala Residents Alliance /Asbestos dust / dust

My Recently Opened Items
18510/16 - Yatala Residents Alliance /Asbestos dust / dust**16111/16** - Yatala Residents Alliance / air pollution / dust**05058/15** - Hanson quarry / asbestos issues / silica /**12768/15** - Yatala Residents Alliance / dust and bio aerosol**04796/15** - Yatala / Ormeau / dust monitoring / request for**09258/16** -

3 irrelevant informa

EHP RTI DL Release

COMMENTS

DATES

Created:	28/07/16	*Dated:*	27/07/16
Received:	28/07/16		
Draft Due to EHP - Minister:		*Draft Received by EHP - Minister:*	01/08/16
		Date Sent for Signoff:	
Due Signatory:		*Sent for Redraft:*	
Signed:		*Finalised:*	01/08/16
YOUR DUE DATE:		*EC Officer Allocated:*	28/07/16

GENERAL DETAILS

External Reference No:		*Thesaurus No:*	MS
Classification:	Providing Information	*Locality:*	4210-4299 South East -

SIGNATORIES

Select the next Signatory:		*Due Date:*	
Date Submitted:		*Date Received:*	

Current Signatories

Signatory Due Date Date Completed Submitted To Received From

Default Signatories

Signatory Response Due

INPUT OFFICERS

Pending Input Officers

For Input Details

INFORMATION OFFICERS

Pending Information Officers

For Information Details

COMMENTS LIST

EHP RTI DL Release

Date Added	*Added By*	*COMMENT HISTORY*
01/08/16 10:20	LANDS\gloskob	Information Accepted and Item Finalised by GLOSKO Brett (who was the CAP)
01/08/16 09:07	LANDS\hillju	Workflow was CCd to HERTSLET Bryce;SPENCE Samantha for Information by HILL Julie (who was acting for: Corro EHP ESR IaDaSQC) with the following instructions:
01/08/16 09:07	LANDS\hillju	Allocated to GLOSKO Brett by HILL Julie (who was acting for: Corro EHP ESR IaDaSQC) for Information Only. Hi Brett, for noting and any necessary action only. Please "Accept Information" once incoming correspondence has been noted to finalise the item. Thanks, Julie
28/07/16 15:01	LANDS\HallA1	Allocated to Corro EHP ESR IaDaSQC by HALL Ali (who was acting for: EHP - Minister) for Information Only. For information and any necessary action, please select "Accept Information" when this item has been noted.
28/07/16 09:07	LANDS\bakerla	Item created by BAKER-LOWE Andrew

frmFinalisedItemSuper - 4.51.2103.0

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When the MECS item has been completed there may be a business need to save all the finalised attachments into eDOCS within the relevant business area file.

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EHP RTI DL Release

From: Environment [Environment@ministerial.qld.gov.au]
Sent: Wednesday, 27 July 2016 11:35 AM
To: DLO EHP
Subject: FW: CTS 15640/16 - Air Pollution in the Yatala Area
Attachments: Letter from Minister Steven Miles 20th July 2016.pdf

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From: Corro EHP Minister [mailto:EHPMinister.Corro@ehp.qld.gov.au]
Sent: Wednesday, 27 July 2016 8:30 AM
To: Environment <Environment@ministerial.qld.gov.au>
Subject: FW: CTS 15640/16 - Air Pollution in the Yatala Area

From: sch4p4(6) Personal information
Sent: Wednesday, 27 July 2016 8:28 AM
To: yra@yatala.info
Cc: Corro EHP Minister <EHPMinister.Corro@ehp.qld.gov.au>; Deputy Mayor Councillor Donna Gates - Division 1 <division1@goldcoast.qld.gov.au>; Mark Boothman MP - Member for Albert <Albert@parliament.qld.gov.au>
Subject: FW: CTS 15640/16 - Air Pollution in the Yatala Area

Dear YRA Members,

Firstly, on behalf of your YRA Committee, we thank you for your support and in particular those whose comments and photos have made our latest submission so relevant to the issues we face in Yatala and Ormeau.

We have had a reply from Minister Dr Steven Miles MP – Minister for Environment and Heritage Protection and Minister for National Parks and the Great Barrier Reef dated 20th July 2016 and following communications with his Department and the DEHP, the letter has been approved for distribution to our Members first and then will be posted on the website: www.yatala.info. The letter has been edited slightly to remove specific names but other than that it is exactly as it was received.

Following is a response that your Committee sent to Minister Miles on the 21st of July 2016 and late yesterday, permission was received to distribute the communication to you all.

COPY OF EMAIL ACKNOWLEDGEMENT FROM YRA TO MINISTER MILES DATED 21ST JULY 2016

Thank you for your reply ref CTS 15640/16 dated 20 July 2016. We are encouraged by your advice that DSITI and DEHP will be conducting asbestos level tests in the July to September 2016 period and will be seeking active community involvement.

We would very much appreciate if you could give us your permission to post your letter on the YRA website and also to advise our members to make themselves and their properties available to the DEHP/DSITI personnel for the collection of dust samples.

In the meantime we await the results of tests, as promised in 2017, before making any further observations unless any situation in the area demands immediate attention by your team

EHP RTI DL Release

It is evident from the communication you will read attached, as well as the verbal verification of same, DEHP and DSITI will involve the some of the community to source areas where dust monitoring equipment should be placed. Your YRA Committee is very pleased that should occur and we urge you to work with the two Departments to ensure that the situations of the monitors are relevant to the issues we all face. Should any YRA member be approached to have a DEHP / DSITI Monitor installed, we do ask that you give every assistance that is possible PLUS we ask that you advise YRA of same – as you all know any email to yra@yatala.info is treated as being highly confidential UNLESS you have given specific permission for it's general distribution.

On a more general note, we do ask that you all keep reporting anything that is of concern to you and yours – log onto the www.yatala.info website for details on the Complaints Line. Do not be complacent about this as every bit of information the various Departments receive will assist them with a sensible outcome for the safe growth of industry in the area as well as protecting the safety of the residents in the surrounding areas NOT JUST FOR NOW - BUT FOR THE FUTURE.

If you have any queries, please email yra@yatala.info .

All the very best

YRA Committee

For and on behalf of:

MISSION STATEMENT: "A Community voice surrounding topics which impact the lifestyle, health and environment of residents near commercial and industrial developments in the Yatala Enterprise Area"

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EHP RTI DL Release

CC: Minister Steven Miles MP – Minister for Environment and Heritage Protection and Minister for National Parks and the Great Barrier Reef
Councillor Donna Gates – Deputy Mayor GCCC and Division 1 Councillor
Mark Boothman MP – State Member for Albert

From: Corro EHP Minister [mailto:EHPMinister.Corro@ehp.qld.gov.au]
Sent: Wednesday, 20 July 2016 10:57 AM
Subject: CTS 15640/16 - Air Pollution in the Yatala Area

Thank you for taking the time to write to the Minister for Environment and Heritage Protection and Minister for National Parks and the Great Barrier Reef. A response to your correspondence is attached.
Please do not hesitate to contact the office if you require any further information.

Office of the Honourable Dr Steven Miles MP
Minister for Environment and Heritage Protection and
Minister for National Parks and the Great Barrier Reef

P 07 3719 7330
Floor 13, 400 George Street Brisbane QLD 4000
GPO Box 2454 BRISBANE QLD 4001
Email: environment@ministerial.qld.gov.au

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EHP RTI DL Release

Hon Dr Steven Miles MP
Minister for Environment and Heritage Protection and
Minister for National Parks and the Great Barrier Reef

Queensland Government

Ref CTS 15640/16

Level 13
400 George Street Brisbane Qld 4000
GPO Box 2454 Brisbane
Queensland 4001 Australia
Telephone +61 7 3719 7330
Facsimile +61 7 3220 6231
Email environment@ministerial.qld.gov.au

20 JUL 2016

Yatala Residents Alliance
PO Box 445
BEENLEIGH QLD 4207

Dear [redacted]

Thank you for your letter of 16 June 2016 concerning air pollution in the Yatala area.

I can assure you that the Department of Environment and Heritage Protection (EHP) is taking your concerns seriously and is committed to the environmental monitoring underway in the area. EHP has provided me with detailed advice on concerns raised in your letter, as outlined in the enclosed document.

In the event you experience dust and odour nuisance incidents or other non-compliances, I encourage you to report these through EHP's Pollution Hotline on telephone 1300 130 372. EHP takes compliance matters seriously and if non-compliance is verified, appropriate enforcement action will be taken in accordance with EHP's enforcement guidelines.

With respect to your request for the implementation of a 24/7 live monitoring station, as previously advised, air quality monitoring falls under the jurisdiction of the Department of Science, Information Technology and Innovation and the portfolio responsibilities of the Honourable Leeanne Enoch MP, Minister for Innovation, Science and the Digital Economy and Minister for Small Business. I note that you have also written to Minister Enoch.

I hope this information has been of assistance to you. Should you have further enquiries, please contact Mr Philip Halton, Chief of Staff in my office on (07) 3719 7330.

Yours sincerely

DR STEVEN MILES MP
Minister for Environment and Heritage Protection and
Minister for National Parks and the Great Barrier Reef

Enc.

EHP RTI DL Release

Advice from the Department of Environment and Heritage Protection (EHP)

National Pollutant Inventory (NPI) Emission Data

The $PM_{2.5}$ (particulate matter 2.5 micrometers or less in diameter) particulate matter data referred to, sourced from the NPI, only includes particulate matter generated from the combustion of fuel in vehicles at the Holcim Beenleigh and Hanson Wolffdene quarries for the 2012/13 reporting period. It does not relate to dust emissions from rock extraction or crushing activities. The PM_{10} particulate matter data includes particulate matter generated from all activities associated with the quarry operation, including for example, blasting, crushing, materials handling, as well as from fuel combustion from vehicles. As such, the PM_{10} and $PM_{2.5}$ particulate matter emissions data for these operations cannot be used to calculate the total crystalline silica and asbestos dust emissions from these sites.

Asbestos Dust

Asbestos is the term used to describe a group of naturally occurring minerals whose characteristic feature is that they occur as fibres. Airborne particles (dust) range in size from 0.1µm to 500µm, however human health impacts are typically associated with particles of less than 10µm (PM_{10}), termed 'respirable' as these can enter deep into the lungs. The respirable fraction of dust (less than 10µm) is the mass of inhaled particles penetrating the smallest (non-ciliated) airways of the lungs.

As such, it is important to note that while the rock composition at the Hanson Wolffdene quarry may be estimated at 3% asbestos, only the 'respirable' fraction of liberated asbestos material may pose a health risk.

With respect to concerns regarding the asbestos monitoring anticipated to be conducted as part of the Department of Science, Information Technology and Innovation's (DSITI) investigation, EHP has discussed the pending monitoring with DSITI and was advised that asbestos monitoring is to commence shortly. Asbestos monitoring is non-continuous and requires manual sampling. Due to its non-continuous nature, in order to detect the risk of health impacts from quarry operations, asbestos monitoring needs to be conducted during the most suitable weather conditions for this monitoring, ideally July to September. It is anticipated that EHP and DSITI will seek active community involvement for the asbestos monitoring. The results of the asbestos monitoring will be assessed against the accepted health criteria and provided in DSITI's final report which will be made publicly available upon completion. Should the results of the monitoring show any risk to the community, EHP anticipates that the DSITI investigation will be expanded and where appropriate, action will be taken in accordance with EHP's Enforcement Guidelines.

Crystalline Silica Dust

DSITI is currently conducting an investigation into the levels of respirable crystalline silica dust generated as a result of quarrying activities within the Ormeau / Luscombe area. As concentrations of crystalline silica dust are expected to be highest at the source of emission, the investigation has established two monitoring locations positioned in close proximity to two quarries in the area. While these sites do not represent the 'cumulative impact' from all of the quarries in the area, given their position adjacent to the quarries, these locations were chosen to allow DSITI to determine whether the crystalline silica dust levels experienced in close proximity to the quarry operations exceed the environmental health standards recommended for community health ($3µg/m^3$). It is anticipated that if the environmental health standards are exceeded at these locations within 'close proximity' to the quarries, EHP will seek to have the investigation expanded.

In addition to crystalline silica dust monitoring, continuous PM_{10} monitoring is conducted at the primary monitoring location in Luscombe. DSITI and EHP are currently in the process of establishing an additional continuous PM_{10} monitoring device at the secondary monitoring location in Ormeau.

EHP Public Release

The continuous monitoring data referred to, was uploaded by DSITI on an annual basis. The data is not provided with the intention of establishing a live monitoring station similar to those established as part of DSITI's air monitoring network. Some of the monitoring conducted as part of the crystalline silica dust investigation is not of a continuous nature and is therefore not present in the dataset provided. DSITI has advised that the continuous monitoring data recorded as part of the investigation for January 2016 onwards will be uploaded in 2017. The results of all monitoring conducted as part of the investigation, including crystalline silica dust and asbestos concentrations, will be presented in the final report prepared by DSITI, which will be made publicly available upon completion.

Bio-aerosol Monitoring

The bio-aerosol monitoring program conducted in November 2015 was specifically in response to composting activities in Yatala that are regulated by EHP. The 'green waste shredding operation' referred to, being operated by Powes Haulage Pty Ltd (Powes), is not currently identified as an Environmentally Relevant Activity and therefore is not regulated by EHP. As such, the bio-aerosol monitoring program did not include monitoring of emissions from this operator.

Nuisance matters pertaining to activities of Powes fall under the jurisdiction of the council and it is noted that a copy of the letter has already been sent to the Mayor, Mr Tom Tate. EHP has contacted the council regarding the alleged dust nuisance from Powes and the council advised that a Penalty Infringement Notice (PIN) had previously been issued to the operator in relation to dust nuisance. However the PIN was successfully contested in Court in November 2015.

Any future dust complaints pertaining to the operations of Powes should be made to the council's dust pollution reporting service on telephone 5667 5988.

Odour nuisance

With respect to the Phoenix Power Recyclers Pty Ltd Material Change of Use (MCU) application and the associated conditions placed on EHP's concurrence response (development permit) approved by the Court Order on 7 May 2014, please be advised that these conditions will only become effective once the operator enacts the activity to which the MCU relates. As the operator is yet to enact the activity, these conditions are not yet enforceable. Currently, the operator is conducting its composting activities under its existing approval and relevant conditions, granted in 2007.

The site is currently subject to an Environmental Protection Order (EPO). Requirement 2 of this EPO allows for the operator to install and operate forced aeration to new windrows as an alternative to the construction of a sealed enclosure. In December 2015, EHP inspected and verified the installation of aeration to fresh windrows. The EPO is still in effect and will continue to be subject to compliance assessment.

24/7 Air Quality Monitoring

$PM_{2.5}$ are produced from a wide range of man-made and natural sources including motor vehicle emissions, industrial activities, fires (controlled burns, bushfires, wood stoves), fossil fuel power plants, dust, pollen and sea spray.

Your concerns with respect to the elevated $PM_{2.5}$ concentrations observed on 20 May 2016 at Cannon Hill are acknowledged. Cannon Hill is located approximately 30 kilometres to the north of Yatala and is subject to specific sources of $PM_{2.5}$ different to those sources that are likely to affect the Yatala region. Cannon Hill is also located in an urban environment subject to increased levels of motor vehicle emissions as well as emissions from numerous industrial activities. It is therefore not directly relevant to crystalline silica dust from quarrying activities in the Yatala region.

EHP DTI DL Release

Relea