

Freedom of Information Publication Coversheet

The following information is provided pursuant to section 28 of the *Freedom of Information Act 2016*.

FOI Reference: CMTEDDFOI 2020-088

Information to be published	Status
1. Access application	Published
2. Decision notice	Published
3. Documents and schedule	Published
4. Additional information identified	No
5. Fees	N/A
6. Processing time (in working days)	34
7. Decision made by Ombudsman	N/A
8. Additional information identified by Ombudsman	N/A
9. Decision made by ACAT	N/A
10. Additional information identified by ACAT	N/A

5 May 2020

FOI Info management team Environmental, Planning and Sustainable Development Directorate GPO Box 158 Canberra ACT 2601

Atalumba	Properties Pty Ltd purchase from Convenience Properties Opera	41 Dr. T. (1
Property:	Cnr Canopus Crescent and Atalumba Close, Giralang	tions Pty Ltd

We act on behalf of in the above matter and in relation to:

- a. Purchase from:
- b. Property: Corner Canopus Crescent and Atalumba Close, Giralong.

Block 1, Section 79 Giralang ACT.

FOI REQUEST:

As relating to the property: noted above, we request copies of:

- a. All material, reports, correspondences, emails in existence and in relation to contamination or remedial action in relation to the above property and for the period:
 - 01.01. 2017 to date, to also include copies of all letters from EPA to Convenience Property Operations Pty Ltd and in particular this letter of 14 April 2020.

Date Required:

On the basis that the above information is required to matter in early June 2020, we look forward to your response at your earliest convenience and no later than Monday 11 May 2020.



Our ref: CMTEDDFOI2020-088



FREEDOM OF INFORMATION REQUEST

I refer to your application under section 30 of the *Freedom of Information Act 2016* (the Act), received by the Chief Minister, Treasury and Economic Development Directorate (CMTEDD) on 5 May 2020, in which you sought access to:

 Documents in relation to contamination or remedial action in relation to the property Block 1, Section 79 Giralang ACT, (Corner Canopus Crescent and Atalumba Close, Giralang) for the period: 1 January 2017 to date.

On 15 May 2020 you narrowed the date range of his request to the period 16 July 2019 to date.

Authority

As an appointed Information Officer under section 18 of the Act, I am authorised to make a decision on access or amendment to government information in the possession or control of CMTEDD.

Timeframes

In accordance with section 40 of the Act, CMTEDD was required to provide a decision on your access application by 3 June 2020 however, following on from third party consultations, the due date is now 25 June 2020.

Decision on access

Searches were completed for relevant documents and 15 documents were identified that fall within the scope of your request.

I have included as **Attachment A** to this decision the schedule of relevant documents. This provides a description of each document that falls within the scope of your request and the access decision for each of those documents.

I have decided to grant access in full to 5 documents and partial access to 10 documents relevant to your request as I consider them to contain information that would, on balance, be contrary to the public interest to disclose under the test set out in section 17 of the Act.

My access decisions are detailed further in the following statement of reasons and the documents released to you are provided as **Attachment B** to this letter.

In accordance with section 54(2) of the Act a statement of reasons outlining my decisions is below.

Statement of Reasons

In reaching my access decisions, I have taken the following into account:

- the Act;
- the content of the documents that fall within the scope of your request;
- the views of relevant third parties;
- the Human Rights Act 2004.

Exemption claimed

My reasons for deciding not to grant full access to the identified documents and components of these documents are as follows:

<u>Information that would, on balance, be contrary to the public interest to disclose under</u> the test set out in section 17 of the Act

<u>Public Interest</u>

The Act has a presumption in favour of disclosure. As a decision maker I am required to decide where, on balance, public interests lies. As part of this process I must consider factors favouring disclosure and non-disclosure.

In Hogan v Hinch (2011) 243 CLR 506, [31] French CJ stated that when 'used in a statute, the term [public interest] derives its content from "the subject matter and the scope and purpose" of the enactment in which it appears'. Section 17(1) of the Act sets out the test, to be applied to determine whether disclosure of information would be contrary to the public interest. These factors are found in subsection 17(2) and Schedule 2 of the Act.

Taking into consideration the information contained in the documents found to be within the scope of your request, I have identified that the following public interest factors are relevant to determine if release of the information contained within these documents is within the 'public interest'.

<u>Factors favouring disclosure in the public interest:</u>

(a) disclosure of the information could reasonably be expected to do any of the following:(xiii) contribute to the administration of justice generally, including procedural fairness.

Having considered the factor above, I consider that the release of these documents may contribute to the administration of justice generally by allowing you to have a record of

the potential contamination and/or remedial action at the nominated site. I am satisfied that this factor favouring disclosure carries some weight. However, this factor is to be balanced against the factors favouring non-disclosure.

Factors favouring nondisclosure in the public interest:

(a) disclosure of the information could reasonably be expected to do any of the following:(ii) prejudice the protection of an individual's right to privacy or any other right under the Human Rights Act 2004.

When considering the documents and factors in favour of non-disclosure, I have considered the personal information contained in the documents, including names and personal contact details. I consider it unreasonable to release information that could reasonably be expected to prejudice the privacy of a person or persons that have been in contact with the ACT Government contained in the documents. I believe the release of this information may prejudice the protection of these individuals' right to privacy or any other right under the *Human Rights Act 2004*. I am satisfied that this factor favouring non-disclosure should be afforded significant weight as it relates to the individuals' privacy.

Having applied the test outlined in section 17 of the Act and deciding that release of personal information contained in the documents is not in the public interest to release, I have chosen to redact this specific information in accordance with section 50(2). Noting the pro-disclosure intent of the Act, I am satisfied that redacting only the information that I believe is not in the public interest to release will ensure that the intent of the Act is met and will provide you with access to the majority of the information held by CMTEDD within the scope of your request.

Charges

Processing charges are not applicable for this request because the number of pages being released to you is less than the charging threshold of 50.

Online publishing - Disclosure Log

Under section 28 of the Act, CMTEDD maintains an online record of access applications called a disclosure log. Your original access application, my decision and documents released to you in response to your access application will be published in the CMTEDD disclosure log after 29 June 2020. Your personal contact details will not be published.

You may view CMTEDD disclosure log at https://www.cmtedd.act.gov.au/functions/foi/disclosure-log-2020.

Ombudsman Review

My decision on your access request is a reviewable decision as identified in Schedule 3 of the Act. You have the right to seek Ombudsman review of this outcome under section 73 of the Act within 20 working days from the day that my decision is published in CMTEDD disclosure log, or a longer period allowed by the Ombudsman.

We recommend using this form *Applying for an Ombudsman Review* to ensure you provide all of the required information. Alternatively, you may write to the Ombudsman at:

The ACT Ombudsman GPO Box 442 CANBERRA ACT 2601

Via email: actfoi@ombudsman.gov.au

ACT Civil and Administrative Tribunal (ACAT) Review

Under section 84 of the Act, if a decision is made under section 82(1) on an Ombudsman review, you may apply to the ACAT for review of the Ombudsman decision. Further information may be obtained from the ACAT at:

ACT Civil and Administrative Tribunal Level 4, 1 Moore St GPO Box 370 Canberra City ACT 2601

Telephone: (02) 6207 1740 http://www.acat.act.gov.au/

Should you have any queries in relation to your request please contact me by telephone on 6207 7754 or email CMTEDDFOI@act.gov.au.

Yours sincerely,

Philip Dachs

Information Officer

Information Access Team

Chief Minister, Treasury and Economic Development Directorate

24 June 2020



FREEDOM OF INFORMATION REQUEST SCHEDULE

WHAT ARE THE PARAMETERS OF THE REQUEST	Reference NO.
Documents in relation to contamination or remedial action in relation to the property Block 1, Section 79 Giralang ACT, (Corner Canopus Crescent and	CMTEDDFOI 2020-088
Atalumba Close, Giralang) for the period: 16 July 2019 to date.	

Ref No	Page number	Description	Date	Status	Reason for Exemption	Online Release Status
1	1-2	Email chain	27 Apr 2020	Partial release	Sch 2 s2.2 (a)(ii)	Yes
2	3-5	Email chain	27 Apr 2020	Partial release	Sch 2 s2.2 (a)(ii)	Yes
3	6	Email chain	27 Apr 2020	Full release	N/A	Yes
4	7-8	Email chain	22 Apr 2020	Full release	N/A	Yes
5	9-11	Email chain	22 Apr 2020	Full release	N/A	Yes
6	12-13	Email chain	21 Apr 2020	Full release	N/A	Yes
7	14	Email chain	15 Apr 2020	Partial release	Sch 2 s2.2 (a)(ii)	Yes
8	15-16	Email chain	14 Apr 2020	Partial release	Sch 2 s2.2 (a)(ii)	Yes
9	17-18	Email chain	14 Apr 2020	Partial release	Sch 2 s2.2 (a)(ii)	Yes
10	19	Letter	09 Apr 2020	Full release	N/A	Yes
11	20-21	Email chain	30 Mar 2020	Partial release	Sch 2 s2.2 (a)(ii)	Yes
12	22-31	Groundwater Monitoring Event Report	29 Nov 2019	Partial release	Sch 2 s2.2 (a)(ii)	Yes
13	32-33	Email chain	28 Nov 2019	Partial release	Sch 2 s2.2 (a)(ii)	Yes
14	34-37	Email chain	18 Jul 2019	Partial release	Sch 2 s2.2 (a)(ii)	Yes

15	38	Email chain	16 Jun 2019	Partial release	Sch 2 s2.2 (a)(ii)	Yes
			100			
Total No of Docs						
of Docs						
15						
1						

From: "McIntyre, Sara" Sent: 27/04/2020 4:46 AM

To: Schedule 2.2(a)(i) @7eleven.com.au>

Subject:RE: ACT sites - Environmental Authorisation transfer [SEC=UNCLASSIFIED]

Thanks .

Kind regards,

Sara McIntyre | Environment Protection Officer | Environment Protection

Phone: 02 6207 2144 | Fax: 02 6207 6084 | email: sara.mcintyre@act.gov.au

Environment Protection Authority | Access Canberra | ACT Government

TransACT House, 470 Northbourne Avenue, Dickson | GPO BOX 158 | CANBERRA ACT 2601 | www.accesscanberra.act.gov.au

Please note that my work hours are Monday to Friday, 9.30 am to 2.30 pm.

From: Schedule 2.2(a)(ii) :@7eleven.com.au]

Sent: Monday, 27 April 2020 2:45 PM

To: McIntyre, Sara <Sara.McIntyre@act.gov.au>
Cc: Schedule 2 2(a)(ii) @7eleven.com.au>

Subject: RE: ACT sites - Environmental Authorisation transfer [SEC=UNCLASSIFIED]

Hi Sara,

If we can proceed please.

I'm just about to reply to your other email now.

Kind regards

Schedule 2 2(a)(ii)



Schedule 2.2(a)(ii)

@7eleven.com.au

www.7eleven.com.au

From: McIntyre, Sara < Sara. McIntyre@act.gov.au>

Sent: Monday, 27 April 2020 11:35 AM

To: Schedule 2.2(a)(ii) @7eleven.com.au>

Cc: Schedule 2.2(a)(ii) @7eleven.com.au>

Subject: RE: ACT sites - Environmental Authorisation transfer [SEC=UNCLASSIFIED]

Out of Scope

Thanks

Kind regards,

Sara McIntyre | Environment Protection Officer | Environment Protection

Phone: 02 6207 2144 | Fax: 02 6207 6084 | email: sara.mcintyre@act.gov.au

Environment Protection Authority | Access Canberra | ACT Government

TransACT House, 470 Northbourne Avenue, Dickson | GPO BOX 158 | CANBERRA ACT 2601 | www.accesscanberra.act.gov.au

Please note that my work hours are Monday to Friday, 9.30 am to 2.30 pm.

From: Schedule 2.2(a)(ii) @7eleven.com.au]

Sent: Wednesday, 18 March 2020 12:59 PM

To: McIntyre, Sara < Sara.McIntyre@act.gov.au>
Cc: Schadule 2.2(a)(ii) @7eleven.com.au>

Subject: ACT sites - Environmental Authorisation transfer

Hi Sara,

As discussed, a number of our ACT stores are in the process of sale settlement, as such we will need to transfer the Environmental Authorisations over to reflect the correct Name, ABN and ACN. (Will be the same as the recent EA for Out of Scope

Name: 7-Eleven Stores Pty Ltd

ABN: 48 005 299 427 ACN: 005 299 427

ID	Store	Settlement Date	EA No.	
Out	of	Scone		
W/18 E				
		30000		

Please advise if you need anything further

Kind Regards

Schedule 2 2(a)(ii)

From: Schedule 2.2(a)(II) @7eleven.com.au>

Sent:27/04/2020 6:42 AM

To:"McIntyre, Sara" <Sara.McIntyre@act.gov.au>
Cc:"Conadilla 2.2/a (ll) @7eleven.com.au>

Subject:RE: Groundwater Monitoring Reports - Giralang [SEC=UNCLASSIFIED]

Hi Sara,

Apologies for the delay, I was waiting on some further results before I replied.

For Giralang, we have just received the latest lab results, with lead concentrations decreasing since the previous round, with the highest concentration being $26 \,\mu g/L$ in MW3. The complete GME reports are being finalised and I will send these through when available. Based on the latest data, concentrations in groundwater seem have to high variability across the monitoring well network and month to month, this will be further clarified once we have receipt of the full GME report.

We have also requested additional metal analytes to see whether other metals may be elevated as well, including further analysis for Tetra ethyl lead, to provide confidence around the source of lead concentrates. WSP have been requested to provide a short letter assessment of the latest results which we will provide to you.

Out of Scope

Please let me know if you require anything further in the meantime.

Kind Regards

Sahedule 2.2(a)(ii



Schedule 2,2(a)(fi)

@7eleven.com.au

www.7eleven.com.au

From: McIntyre, Sara <Sara.McIntyre@act.gov.au>

Sent: Monday, 27 April 2020 8:25 AM

To: Schedule 2.2(a)(i) @7eleven.com.au>

Cc: Schedule 2.2(a)(ii) @7eleven.com.au>

Subject: FW: Groundwater Monitoring Reports - Giralang [SEC=UNCLASSIFIED]

CAUTION; This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi .

I am following up on my email below. Can you please provide a response by the end of this week if possible?

Thanks

Kind regards,

Sara McIntyre | Environment Protection Officer | Environment Protection

Phone: 02 6207 2144 | Fax: 02 6207 6084 | email: sara.mcintyre@act.gov.au

Environment Protection Authority | Access Canberra | ACT Government

TransACT House, 470 Northbourne Avenue, Dickson | GPO BOX 158 | CANBERRA ACT 2601 | www.accesscanberra.act.gov.au

Please note that my work hours are Monday to Friday, 9.30 am to 2.30 pm.

From: McIntyre, Sara

Sent: Tuesday, 14 April 2020 2:18 PM

To: @7eleven.com.au

Subject: RE: Groundwater Monitoring Reports - Giralang [SEC=UNCLASSIFIED]



The report for the Giralang site shows continued lead impacts both on-site and off-site. Can you please provide further advice on the source of the lead impacts? Consideration should be given to delineating these impacts to the north and west of the site, given the impacts compared to criterion and the shallow groundwater depth. The report also identifies increasing trends in MW01 and MW04. Can you please provide further advice on the source of these impacts?

Out of Scope

Please give me a call if you have any questions.

Kind regards,

Sara McIntyre | Environment Protection Officer | Environment Protection

Phone: 02 6207 2144 | Fax: 02 6207 6084 | email: sara.mcintyre@act.gov.au

Environment Protection Authority | Access Canberra | ACT Government

TransACT House, 470 Northbourne Avenue, Dickson | GPO BOX 158 | CANBERRA ACT 2601 | www.accesscanberra.act.gov.au

Please note that my work hours are Monday to Friday, 9.30 am to 2.30 pm.

From: Schedule 2.2(a)(ii) @7eleven.com.au]

Sent: Friday, 3 April 2020 12:41 PM

To: McIntyre, Sara < Sara. McIntyre@act.gov.au >

Cc: Environment Protection < Environment. Protection@act.gov.au>; Schedule 2.2(a)(ii) @7eleven.com.au>

Subject: Groundwater Monitoring Reports

Hi Sara,

Please find attached the most recent Groundwater Monitoring Reports for Schedule 2.2(a)(ii) Giralang (EA 0760) sites.

Kind Regards

Schedule 3 2/avril



Schedule 2.2(a)(ll)

@7eleven.com.au

www.7eleven.com.au

From:

Sent: Friday, 22 November 2019 3:58 PM

To: Sara.McIntyre@act.gov.au

Cc: environment,protection@act.gov.au
Subject: FW: SPEL Reports - Round 7

Hi Sara,

Please find attached the latest SPEL monitoring reports for the 7-eleven ACT sites.

Out of Scope

Kind Regards

Sahedula 2 Wallin



Schedule 2 2(a)(ii)

@7eleven.com.au

www.7eleven.com.au

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From: "McIntyre, Sara"
Sent:27/04/2020 12:45 AM
To:"Dix, Rodney" <rodney.dix@act.gov.au></rodney.dix@act.gov.au>
Subject:FW: - Property: Cnr
Canopus Crescent and Atalumba Close, Giralang [SEC=UNCLASSIFIED] Attachments:FW: Property:
Cnr Canopus Crescent and Atalumba Close, Giralang [SEC=UNCLASSIFIED]
Hi Rod,
Are you happy with this response? Too wordy?
The request for additional information is currently a matter between the Environment Protection Authority (EPA) and . The EPA is unable to provide any further comment at this time due to privacy reasons. You are welcome to lodge a Freedom of Information request. More information is available on the Access Canberra website https://www.accesscanberra.act.gov.au/app/answers/detail/a id/1609/~/freedom-of-information-requests .
Kind regards,
Sara McIntyre Environment Protection Officer Environment Protection Phone: 02 6207 2144 Fax: 02 6207 6084 email: sara.mcintyre@act.gov.au Environment Protection Authority Access Canberra ACT Government TransACT House, 470 Northbourne Avenue, Dickson GPO BOX 158 CANBERRA ACT 2601 www.accesscanberra.act.gov.au
Please note that my work hours are Monday to Friday, 9.30 am to 2.30 pm.
From: Sent: Thursday, 23 April 2020 1:55 PM To: McIntyre, Sara <sara.mcintyre@act.gov.au> Subject: RE: - Property: Cnr</sara.mcintyre@act.gov.au>
Canopus Crescent and Atalumba Close, Giralang [SEC=UNCLASSIFIED]
Hi Sara,
Thank you for your speedy response to our letter dated 20 April 2020.
We should be pleased if you would advise by return what additional information you have requested in your correspondence dated 14 April 2020 to

rms email transmission is intended for the addressee only and is confidential to the sender and the addressee. If you are not the addressee do not read or deal in any way with this email or its attachments, but notify the sender and return it to the sender at the sender's cost.

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To:	
Sub	pject:FW: Property: Cnr
	nopus Crescent and Atalumba Close, Giralang [SEC=UNCLASSIFIED]
	achments:2020-04-20 - letter to EPA ACT.pdf, Giralang ESA Environmental Site Assessment (Coffey) May 17.pdf, Giralang GME July 2019.pdf, 2020-04-09 - Letter fr 7 Eleven .PDF
Hi J	oseph,
In r	eference to your attached correspondence, the following responses are provided:
(a)	The ACT has any outstanding notices against the property, the registered proprietor and/or the Lessee in respect of any contamination and/or the leakage?
	At present there are no outstanding notices relating to this property or
(b)	The above reports, or either of them, has been referred to your department for monitoring?
	The above reports have been provided to the Environment Protection Authority (EPA).
(c)	The department has undertaken any action as a result of having received same?
	The EPA has requested additional information from on 14 April
	2020 in regards to the results of the groundwater monitoring event (GME) report dated July 2019. This information has not been received to date.
(d)	The department has required, or intends to require, any action to be undertaken by any person arising from

- such Reports and, if so
 - The nature of such action; and (i)

At present the EPA has not taken regulatory action under the Environment Protection Act 1997 over this site.

(ii) When?

> Action would be taken, as with other service station sites, where a significant risk of harm to human health or material or serious environmental harm is identified particularly to off-site receptors.

(e) The Department, on the information supplied to date, does not require any action to be taken to remediate any part of the site now or before the Remediation Date referred to above?

As stated above, at present the EPA has not taken regulatory action under the Environment Protection Act 1997 over this site. Action would be taken, as with other service station sites, where a significant risk of harm to human health or material or serious environmental harm is identified particularly to off-site receptors.

The EPA cannot provide any assurance that action to remediate any part of the site will not be required before the Remediation Date of 23 February 2032.

Please contact me if you require any further information.

Kind regards,

Phone: 02 6207 2144 | Fax: 02 6207 6084 | email: sara.mcintyre@act.gov.au Environment Protection Authority | Access Canberra | ACT Government TransACT House, 470 Northbourne Avenue, Dickson | GPO BOX 158 | CANBERRA ACT 2601 | www.accesscanberra.act.gov.au Please note that my work hours are Monday to Friday, 9.30 am to 2.30 pm. From: Sent: Monday, 20 April 2020 3:16 PM To: Environment Protection < Environment. Protection@act.gov.au> Property: Cnr Canopus Crescent and Atalumba Close, Giralang To Whom it May Concern, Please refer to our attached letter dated today and its enclosures separately attached. This email transmission is intended for the addressee only and is confidential to the sender and the addressee. If you are not the addressee do not read or deal in any way with this email or its attachments, but notify the sender and return it to the sender at the sender's cost.

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From: "Dix, Rodney" < Rodney. Dix@act.gov.au>

Sent:22/04/2020 9:17 PM

To:"Heckenberg, Mark" < Mark. Heckenberg@act.gov.au>; "McIntyre, Sara" < Sara. McIntyre@act.gov.au>

Subject:RE: - Property: Cnr

Canopus Crescent and Atalumba Close, Giralang [SEC=UNCLASSIFIED]

Hi Sara

No comment and thank you for providing the responses.

Would you lie to provide the response or would you want me to?

Thanks

Rodney Dix | Manager

Phone: +61 2 6207 2586 | Fax: +61 2 6207 6084 | Email: rodney.dix@act.gov.au

Environment Protection | Access Canberra | ACT Government

Level 2 North - Dame Pattie Menzies House | 16 Challis Street Dickson | GPO Box 158 Canberra ACT 2601 |

www.environment.act.gov.au

From: Heckenberg, Mark

Sent: Thursday, 23 April 2020 6:22 AM

To: McIntyre, Sara <Sara.McIntyre@act.gov.au>; Dix, Rodney <Rodney.Dix@act.gov.au>

Subject: RE:

Property: Cnr

Canopus Crescent and Atalumba Close, Giralang [SEC=UNCLASSIFIED]

Hi Sara,

Very good responses. Nothing to add.

Thank you.

Regards Mark

Mark Heckenberg | Manager, Contaminated Sites

Phone: 02 6207 2151 | Email: mark.heckenberg@act.gov.au

Office of the Environment Protection Authority | Access Canberra | ACT Government

Ground Floor TransACT House, 470 Northbourne Avenue, Dickson 2602 GPO Box 158 Canberra ACT 2601 | http://www.act.gov.au/accesscbr

From: McIntyre, Sara

Sent: Wednesday, 22 April 2020 7:20 PM

To: Dix, Rodney < Rodney. Dix@act.gov.au>; Heckenberg, Mark < Mark. Heckenberg@act.gov.au>

Subject: RE: Property: Cnr

Canopus Crescent and Atalumba Close, Giralang [SEC=UNCLASSIFIED]

Hi Rod and Mark,

This site has continued lead impacts both on-site and off-site. It also has increasing impacts in two monitoring wells. I have requested further information from Convenience Properties on the source of these impacts and recommended that further delineation is undertaken. In light of this, I have provided my responses below. Can you please advise if you think any changes are required?

(a) The ACT has any outstanding notices against the property, the registered proprietor and/or the Lessee in respect of any contamination and/or the leakage?

(b) The above reports, or either of them, has been referred to your department for monitoring?

The above reports have been provided to the Environment Protection Authority (EPA).

(c) The department has undertaken any action as a result of having received same?

The EPA has requested additional information from on 14 April 2020 in regards to the results of the groundwater monitoring event (GME) report dated July 2019. This information has not been received to date.

- (d) The department has required, or intends to require, any action to be undertaken by any person arising from such Reports and, if so
 - (i) The nature of such action; and

At present the EPA has not taken regulatory action under the Environment Protection Act 1997 over this site.

(ii) When?

Action would be taken, as with other service station sites, where a significant risk of harm to human health or material or serious environmental harm is identified particularly to off-site receptors.

(e) The Department, on the information supplied to date, does not require any action to be taken to remediate any part of the site now or before the Remediation Date referred to above?

As stated above, at present the EPA has not taken regulatory action under the Environment Protection Act 1997 over this site. Action would be taken, as with other service station sites, where a significant risk of harm to human health or material or serious environmental harm is identified particularly to off-site receptors.

The EPA cannot provide any assurance that action to remediate any part of the site will not be required before the Remediation Date of 23 February 2032.

Please contact me if you require any further information.

Kind regards,

Sara McIntyre | Environment Protection Officer | Environment Protection

Phone: 02 6207 2144 | Fax: 02 6207 6084 | email: sara.mcintyre@act.gov.au

Environment Protection Authority | Access Canberra | ACT Government

TransACT House, 470 Northbourne Avenue, Dickson | GPO BOX 158 | CANBERRA ACT 2601 | www.accesscanberra.act.gov.au

Please note that my work hours are Monday to Friday, 9.30 am to 2.30 pm.

From: Dix, Rodney

Sent: Tuesday, 21 April 2020 8:54 AM

To: Contaminated Sites < Contaminated Sites@act.gov.au >; McIntyre, Sara < Sara.McIntyre@act.gov.au >; Heckenberg,

Mark < Mark. Heckenberg@act.gov.au>

Subject: FW:
Canopus Crescent and Atalumba Close, Giralang [SEC=UNCLASSIFIED]

Property: Cnr

Hi Mark and Sara

For your consideration

regards

Rodney Dix | Manager

Phone: +61 2 6207 2586 | Fax: +61 2 6207 6084 | Email: rodney.dix@act.gov.au

Environment Protection | Access Canberra | ACT Government

Level 2 North - Dame Pattie Menzies House | 16 Challis Street Dickson | GPO Box 158 Canberra ACT 2601 |

www.environment.act.gov.au

From:

Sent: Nionaay, zu April zuzu 3:16 Pivi

To: Environment Protection < Environment. Protection@act.gov.au>

Property: Cnr

Canopus Crescent and Atalumba Close, Giralang

To Whom it May Concern,

Please refer to our attached letter dated today and its enclosures separately attached.



read or deal in any way with this email or its attachments, but notify the sender and return it to the sender at the sender's cost.

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From: "Heckenberg, Mark" Sent:21/04/2020 12:14 AM

To: "McIntyre, Sara" < Sara. McIntyre@act.gov.au>

Cc: "Dix, Rodney" < Rodney. Dix@act.gov.au>

Subject:RE: Property: Cnr

Canopus Crescent and Atalumba Close, Giralang [SEC=UNCLASSIFIED]

Hi Sara,

At present the EPA has not taken regulatory action under the Act over this site. Action would be taken, as with other service station sites, where a significant risk of harm to human health or material or serious environmental harm is identified particularly to off-site receptors.

Regards

Mark Heckenberg | Manager, Contaminated Sites

Phone: 02 6207 2151 | Email: mark.heckenberg@act.gov.au

Office of the Environment Protection Authority | Access Canberra | ACT Government

Ground Floor TransACT House, 470 Northbourne Avenue, Dickson 2602 GPO Box 158 Canberra ACT 2601 | http://www.act.gov.au/accesscbr

From: Dix, Rodney

Sent: Tuesday, 21 April 2020 8:54 AM

To: Contaminated Sites < Contaminated Sites@act.gov.au>; McIntyre, Sara < Sara.McIntyre@act.gov.au>; Heckenberg,

Mark < Mark. Heckenberg@act.gov.au>

Subject: FW:
Canopus Crescent and Atalumba Close, Giralang [SEC=UNCLASSIFIED]

Property: Cnr

Hi Mark and Sara

For your consideration

regards

Rodney Dix | Manager

Phone: +61 2 6207 2586 | Fax: +61 2 6207 6084 | Email: rodney.dix@act.gov.au

Environment Protection | Access Canberra | ACT Government

Level 2 North - Dame Pattie Menzies House | 16 Challis Street Dickson | GPO Box 158 Canberra ACT 2601 |

www.environment.act.gov.au

From:

Sent: Monday, 20 April 2020 3:16 PM

To: Environment Protection < Environment. Protection@act.gov.au>

Subject:

Property: Cnr

Canopus Crescent and Atalumba Close, Giralang

To Whom it May Concern,

Please refer to our attached letter dated today and its enclosures separately attached.



This email transmission is intended for the addressee only and is confidential to the sender and the addressee. If you are not the addressee do not read or deal in any way with this email or its attachments, but notify the sender and return it to the sender at the sender's cost.

Liability limited by a scheme approved under Professional Standards Legislation.

From: "Zhang, Jianmin" < Jianmin. Zhang@act.gov.au>

Sent:15/04/2020 4:20 AM

To:Schedula 2.2(a)(ii) i@iconwater.com.au>

Cc: "Contaminated Sites" < Contaminated Sites@act.gov.au>

Subject: Contaminated Land Search Result for Block 1 Section 79 Giralang Belconnen [SEC=UNCLASSIFIED, DLM=For-

Official-Use-Only]

Dear

RE: CONTAMINATED LAND SEARCH

Thank you for your search form request of 31/03/2020 enquiring about:

Block 1 Section 79 Giralang Belconnen

Records held by the Environment Protection Authority (EPA) for the above block(s) indicate the following:

The block is recorded on the EPA's contaminated sites management database and geographic information system.

The site is currently occupied by an operational service station.

The ACT EPA Contaminated Sites Environment Protection Policy 2017 lists service stations as an activity associated with land contamination.

An Environmental Authorisation (EA 0760) under Section 42 of the *Environment Protection Act 1997* (the Act) for the operation of a facility to store more than 50m3 of petroleum products is held by for the site.

As the site is an operational service station you or your client should also contact Access Canberra, Dangerous Substances Licensing, who administer the Dangerous Substances legislation in the ACT, on 132281 regarding the current status of the facilities and any records of incidents at the site.

The EPA received a contaminated land notification in 2012, which indicates that impacts to soil and groundwater were identified at the site. Recent groundwater monitoring results indicate that impacts persist on and off site. The delineation of those impacts has not been completed.

The information detailed above only relates to records held by the EPA and may not represent the actual condition of the site.

At present the EPA has no information on contamination of the above block(s) other than as detailed above. However, this does not absolutely rule out the possibility of contamination and should not be interpreted as a warranty that there is no contamination.

I appreciate that this does not absolutely rule out the existence of contamination of the soils. If you or your clients wish to be completely sure you, or they, should arrange to conduct independent tests.

Regards Jianmin

Jianmin Zhang | Environment Protection Officer, Environmental Quality
Office of the Environment Protection Authority

Access Canberra | Chief Minister Treasury and Economic Development Directorate | ACT

Phone: 02 6207 2157 Email: jianmin.zhang@act.gov.au

470 Northbourne Avenue, Dickson | GPO Box 158 Canberra ACT 2601 | www.act.gov.au/accessCBR

From: "McIntyre, Sara" < Sara. McIntyre@act.gov.au>

Sent:14/04/2020 2:35 AM

To: "Heckenberg, Mark" < Mark. Heckenberg@act.gov.au>

Subject:FW: 7-Eleven Groundwater Sampling reports [SEC=UNCLASSIFIED]

Attachments: G Environmental ESA Giralang 2291 2291 Giralang GME November 2019.pdf

Hi Mark,

I have received the latest GME Report for the 7-Eleven Giralang site. Your previous advice below suggested that the lead impacts be delineated, however I cannot find any emails that I requested it. I am going to ask for it now as there are still increasing trends occurring. There are also increasing trends in MW04 and MW01, should I be asking for further information to determine the cause?

Kind regards,

Sara McIntyre | Environment Protection Officer | Environment Protection

Phone: 02 6207 2144 | Fax: 02 6207 6084 | email: <u>sara.mcintyre@act.gov.au</u>

Environment Protection Authority | Access Canberra | ACT Government

TransACT House, 470 Northbourne Avenue, Dickson | GPO BOX 158 | CANBERRA ACT 2601 | www.accesscanberra.act.gov.au

Please note that my work hours are Monday to Friday, 9.30 am to 2.30 pm.

From: Heckenberg, Mark

Sent: Monday, 22 July 2019 7:11 AM

To: McIntyre, Sara <Sara.McIntyre@act.gov.au>

Subject: RE: 7-Eleven Groundwater Sampling reports [SEC=UNCLASSIFIED]

Hi Sara,

Given the impacts compared to criterion and the shallow groundwater depth further investigation into the source of the lead impacts along with consideration of delineation of these impacts to the north and west is warranted. As the impact relates to lead this could be from an historic release. A review of the lead results from the soil bores for each monitoring well may provide some insight.

Regards

Mark Heckenberg | Manager, Contaminated Sites

Phone: 02 6207 2151 | Email: mark.heckenberg@act.gov.au

Office of the Environment Protection Authority | Access Canberra | ACT Government

Ground Floor TransACT House, 470 Northbourne Avenue, Dickson 2602 GPO Box 158 Canberra ACT 2601 | http://www.act.gov.au/accesscbr

From: McIntyre, Sara

Sent: Friday, 19 July 2019 9:28 AM

To: Heckenberg, Mark < Mark. Heckenberg@act.gov.au >

Subject: FW: 7-Eleven Groundwater Sampling reports [SEC=UNCLASSIFIED]

Hi Mark.

7 Eleven has submitted their latest GME report for Giralang. The report shows increasing lead impacts off-site (MW05) as well as increasing impacts on site.

We have previously requested that the source of impacts in MW02/MW02A be investigated. I spoke with this morning. He said that they have looked at increasing trends on site and can find no reason for it (eg. no issue with operation of pumps to indicate loss from tank, SIRA shows no losses).

Can you please advise if any additional delineation or assessment is required?

Previous reports are saved here G:\Access Canberra\EP&WR\Regulation - Environment Protection

Act\Environmental Authorisations\0760 Convenience Properties - Giralang\Sampling Results and the ESA from 2017 is saved here G:\Access Canberra\EP&WR\Regulation - Environment Protection Act\Environmental

Authorisations\0760 Convenience Properties - Giralang\Contamination\Environmental Site Assessment 7-Eleven

Giralang May 2017.PDF

Thanks

Kind regards,

Sara McIntyre | Environment Protection Officer | Environment Protection

Phone: 02 6207 2144 | Fax: 02 6207 6084 | email: <u>sara.mcintyre@act.gov.au</u>

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Please note that my work hours are Monday to Friday, 9.30 am to 2.30 pm.

From: Schedule 2.2(a)(ii) @7eleven.com.au]

Sent: Wednesday, 17 July 2019 6:37 AM

To: McIntyre, Sara < Sara. McIntyre@act.gov.au>

Cc: Schedule 2.2(a)(ii) @7eleven.com.au>

Subject: RE: 7-Eleven Groundwater Sampling reports [SEC=UNCLASSIFIED]

Hi Sara,

Attached is the revised Giralang GME Report.

Regards

Schedule 2.2(a)(ii)



Schedule 2.2(a)(ii)

www.7eleven.com.au

From: McIntyre, Sara [mailto:Sara.McIntyre@act.gov.au]

Sent: Monday, 15 July 2019 1:05 PM

To: Schedule 2.2(a)(ii) @7eleven.com.au>
Cc: Schedule 2.2(a)(ii) @7eleven.com.au>

Subject: RE: 7-Eleven Groundwater Sampling reports [SEC=UNCLASSIFIED]

From: "Heckenberg, Mark" Sent:14/04/2020 2:54 AM

To: "McIntyre, Sara" <Sara.McIntyre@act.gov.au>

Subject:RE: 7-Eleven Groundwater Sampling reports [SEC=UNCLASSIFIED]

UNCLASSIFIED

Hi Sara,

Yes, I would agree.

continue to make reference to criteria that do not apply for the purposes of EA monitoring. I would recommend that you remind them again of the purpose of the report and that they or 7-Eleven should be providing comment on proposed works as a result of the findings.

Regards

Mark Heckenberg

Manager, Contaminated Sites

Phone: 02 6207 2151 | Email: mark.heckenberg@act.gov.au

Office of the Environment Protection Authority

Access Canberra | ACT Government

Ground Floor TransACT House, 470 Northbourne Avenue, Dickson 2602 GPO Box 158 Canberra ACT 2601 | http://www.act.gov.au/accesscbr

From: McIntyre, Sara <Sara.McIntyre@act.gov.au>

Sent: Tuesday, 14 April 2020 12:36 PM

To: Heckenberg, Mark < Mark. Heckenberg@act.gov.au>

Subject: FW: 7-Eleven Groundwater Sampling reports [SEC=UNCLASSIFIED]

Hi Mark,

I have received the latest GME Report for the 7-Eleven Giralang site. Your previous advice below suggested that the lead impacts be delineated, however I cannot find any emails that I requested it. I am going to ask for it now as there are still increasing trends occurring. There are also increasing trends in MW04 and MW01, should I be asking for further information to determine the cause?

Kind regards,

Sara McIntyre | Environment Protection Officer | Environment Protection

Phone: 02 6207 2144 | Fax: 02 6207 6084 | email: sara.mcintyre@act.gov.au

Environment Protection Authority | Access Canberra | ACT Government

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From: Heckenberg, Mark

Sent: Monday, 22 July 2019 7:11 AM

To: McIntyre, Sara <Sara.McIntyre@act.gov.au>

Subject: RE: 7-Eleven Groundwater Sampling reports [SEC=UNCLASSIFIED]

Hi Sara,

Given the impacts compared to criterion and the shallow groundwater depth further investigation into the source of the lead impacts along with consideration of delineation of these impacts to the north and west is warranted. As the impact relates to lead this could be from an historic release. A review of the lead results from the soil bores for each monitoring well may provide some insight.

Regards

Mark Heckenberg | Manager, Contaminated Sites

Phone: 02 6207 2151 | Email: mark.heckenberg@act.gov.au

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Ground Floor TransACT House, 470 Northbourne Avenue, Dickson 2602

GPO Box 158 Canberra ACT 2601 | http://www.act.gov.au/accesscbr

From: McIntyre, Sara

Sent: Friday, 19 July 2019 9:28 AM

To: Heckenberg, Mark < Mark. Heckenberg@act.gov.au>

Subject: FW: 7-Eleven Groundwater Sampling reports [SEC=UNCLASSIFIED]

Hi Mark,

7 Eleven has submitted their latest GME report for Giralang. The report shows increasing lead impacts off-site (MW05) as well as increasing impacts on site.

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Can you please advise if any additional delineation or assessment is required?

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Act\Environmental Authorisations\0760 Convenience Properties - Giralang\Sampling Results and the ESA from 2017 is saved here G:\Access Canberra\EP&WR\Regulation - Environment Protection Act\Environmental

Authorisations\0760 Convenience Properties - Giralang\Contamination\Environmental Site Assessment 7-Eleven

Giralang May 2017.PDF

Thanks

Kind regards,

Sara McIntyre | Environment Protection Officer | Environment Protection

Phone: 02 6207 2144 | Fax: 02 6207 6084 | email: sara.mcintyre@act.gov.au

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TransACT House, 470 Northbourne Avenue, Dickson | GPO BOX 158 | CANBERRA ACT 2601 | www.accesscanberra.act.gov.au

Please note that my work hours are Monday to Friday, 9.30 am to 2.30 pm.

From: Schedule 2.2(a)(ii) @7eleven.com.au]

Sent: Wednesday, 17 July 2019 6:37 AM

To: McIntyre, Sara <<u>Sara.McIntyre@act.gov.au</u>>
Cc: Schedule 2.2(a)(ii) <u>@7eleven.com.au</u>>

Subject: RE: 7-Eleven Groundwater Sampling reports [SEC=UNCLASSIFIED]



7-Elevien Stores Pty Ltd

ABN 48 005 299 427

National Office

Building 2/658 Church Street, Richmond, Victoria 3121

Telephone

(03) 9541 0711

9 April 2020



Property: Cnr Canopus Crescent and Atalumba Close, Giralang

We refer to your letter dated 16 March 2020.

The Environmental Site Assessment (ESA) dated 17 May 2017 was prepared at the instruction of 7-Eleven Stores Pty Ltd. This was provided to the Environment Protection Authority (EPA) and no regulatory action has been taken in respect of the Property. 7-Eleven Stores Pty Ltd accepted the report and that its operations caused the identified contamination but considers that remediation of the groundwater contamination identified in the ESA is not warranted at the present time.

Further to the ESA, 7-Eleven Stores Pty Ltd has continued to carry out groundwater monitoring as a condition of the Environmental Authorisation (EA) applying in respect of the Property under Part 8 of the Environment Protection Act 1997. The EA is available through the ACT Government Access Canberra website.

The lease of the Property by 7-Eleven Stores Pty Ltd dated 20 February 2020 (Lease) expressly addresses responsibilities of the tenant in relation to environmental matters including contamination in Part G. This includes the requirement that 7-Eleven Stores Pty Ltd comply with conditions of the EA and its end of lease obligations.

This information is provided by way of background only and to assist your client in its dealings with third parties. It would not be intended to provide any warranty or indemnity inconsistent with or additional to the contract for sale of the Property between the Purchaser and dated 25 February 2020 or the Lease.

Yours sincerely

7-Eleven Stores Pty Ltd

From: "McIntyre, Sara" Sent: 30/03/2020 11:23 PM

To: Schedule 2.2(a)(ii) @7eleven.com.au>

Subject:RE: ACT EPA -- Contravention [SEC=UNCLASSIFIED]

Attachments:202003301454.pdf

Hi Jonathon,

Out of Scope

There is no need to update the EMP for the Giralang site until the tank is removed.

Kind regards,

Sara McIntyre | Environment Protection Officer | Environment Protection

Phone: 02 6207 2144 | Fax: 02 6207 6084 | email: sara.mcintyre@act.gov.au

Environment Protection Authority | Access Canberra | ACT Government

TransACT House, 470 Northbourne Avenue, Dickson | GPO BOX 158 | CANBERRA ACT 2601 | www.accesscanberra.act.gov.au

Please note that my work hours are Monday to Friday, 9.30 am to 2.30 pm.

From: Schedule 2.2(a)(ii) :@7eleven.com.au]

Sent: Wednesday, 26 February 2020 10:21 AM

To: McIntyre, Sara <Sara.McIntyre@act.gov.au>

Cc: Schedule 2.2(a)(ii) @7eleven.com.au>; Schedule 2.2(a)(ii) @7eleven.com.au>

Subject: RE: ACT EPA -- Contravention

Hi Sara,

Following on from our recent conversation regarding the notice of *Contravention of the EP Act 1997* dated 18 December 2019 (Attached), please find our response below:

Out of Scope

EA 0760 (Site ID 2291), The waste oil tank has not been used since July 2019 and is empty. Please find dipping measurements up to July 2019 attached. As per regulatory requirements, this tank is scheduled to be decommissioned and removed by the end of 2020. The EMP has not been updated for this site as the tank is no longer in use and will be removed in the coming months, please advise if you would like us to update with waste oil tank reconciliation procedures?

Out of Scope

Please advise if you require anything further.

Kind Regards







www.7eleven.com.au

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Site Identification				
Site Identification Number - Name	2291	Giralang		
Site Address		Cnr Canopus Cres & Atalumba, Giralang ACT		

		Report Notes		
Report Status	Final	Sampling Date	23-Oct-2019	
Author	Schedus 2.2/s (iii)	Authored Date	08-Nov-2019	Refer to final pages of report for
Reviewer		Review Date	18-Nov-2019	detailed notes and acronyms used
Issued		Issue Date	29-Nov-2019	

	GME Informati	tion Summary	
MW Sampled	MW Not Sampled	TPMW Sampled	TPMW Not Sampled
6	1	0	0

		St	ummary of GME Findings				
QA Assessment Findings	Data valid for interpre	tation.					
Site Geology	Fill: sandy gravel 0.0-	0.7 mBGL, gravelly	sandy clay 0.5-0.7 mBGL, shale an	nd sandstone 0.7-6.0 mBGL (WSP Parsons Brinck	erhoff, 2017).		
LNAPL (Apparent Thickness)	No LNAPL detected						
	Benzene	2900	MW-04	TRH (C6-C10) F1	12000	MW-02A	
	Toluene	2300	MW-02A	TRH (>C10-C16) F2	240	MW-02A MW-04	
	Ethylbenzene	810	MW-02A	TRH (>C16-C34)	<lor< td=""><td>mirror</td></lor<>	mirror	
Maximum Concentrations (µg/L) (Analyte, value, well)	Xylene _O	1700	MW-02A	TRH (>C34-C40)	<lor< td=""><td></td></lor<>		
	Xylene _{M&P}	4700	MW-02A	TRH (C10-C40)	520	MW-02A	
	Xylene (Total)	6400	MW-02A	Ethanol	<lor< td=""><td></td></lor<>		
	Naphthalene	280	MW-02A	Lead	990	MW-03	
Potential Off-site Receptors	2.0 km SE. South - Unnamed part Naval Transmitting St West - Giralang Prima	k adjacent, sports gration 500 m.	ound 120 m, residential properties truction site across Atalumba CI, A	round swimming pools from 100 m SE, Gungaderra with in-ground swimming pools 250 m, surface stor	nwater drain 290 m,	Belconnen	
Groundwater Flow Direction	Ginninderra Creek 60			rations (WSP Parsons Brinckerhoff, 2017).			
		Alternative Training Control of Association	xceedances are shown in Table 2 -				
	 Trend analysis of groundwater results are shown in Table 4 – Trend Analysis, with trends summarised below: 						
	 Concentrations of benzene and ethylbenzene increasing, Xylene_{M+P} and TRH fraction C10-C40 are probably increasing in monitoring well MW-04. 						
	6 Concentrations of xylene Total are increasing, xylene M+P and naphthalene are probably increasing, xylene are probably decreasing in monitoring well MW-01.						
Overview / Conclusions	Concentrations of lead are increasing, TRH fraction F2 are decreasing in monitoring well MW-03.						
71-01-01-01-01-01-01-01-01-01-01-01-01-01	There is currently insufficient data to conduct a trend analysis on monitoring well MW-06						
	Remaining hydrocarbon concentrations are stable or display no trend.						
	o Remaining hyd			toring well MW-06			



	Table 1 - Groundwater Observations (Field Data) DTW WD Depth to LNAPL														
Well	Date Sampled	DTW (m)	WD (m)	LNAPL	Depth to LNAPL (m)	Sheen	Odour Strength	Odour Type	Colour						
MW-01	23/10/2019	1.873	8.016	ND		ND	Moderate	Hydrocarbon	Clear						
MW-02	23/10/2019	135	1,-2			Not sample	ed - replacement well installed								
MW-02A	23/10/2019	1.784	4.697	ND		ND	Moderate	Hydrocarbon	Grey						
MW-03	23/10/2019	2.326	9.379	ND	-)	ND	ND	*	Brown (Dark)						
MW-04	23/10/2019	2,926	7,495	ND	- X- 1	ND	Moderate	Hydrocarbon	Clear						
MW-05	23/10/2019	1,395	5.122	ND	1 × 1	ND	ND	*	Brown (Light)						
MW-06	23/10/2019	2.029	6.021	ND	-	ND	ND	~	Brown (Light)						



						Table 2 - Ar	nalytical Sum	mary (Curren	t GME Data)	11							
				BTEXN TRH pH (μg/L) (μg/L)									pН	Ethanol (µg/L)	Lead (µg/L)		
			В	T	E	X _o	XM&P	X _{Total}	N	F1	F2	>C16-C34	>C34-C40	C10-C40	рН	Ethanol	Lead
					Trigger Valu	es / Health S	creening Leve	els (HSLs) for	Petroleum F	lydrocarbons		,					
DWG 2011 - Aesthetic		100	25	3	3	,	20	•			-		•			15	
DWG 2011 - Health/Dri		1	800	300	-	11.7	600	7			7		-	1		10	
WQG 2000 - Fresh wat	950	180	80	350	200 h	*	16						100	1400	3.4		
EPA ACT Guidelines - Petroleum Storage in the ACT			950	300	140	350	200	600	16						6,5-8.5	1400	3,4
Vapour Intrusion HSL (for Sand) DTW (m)																	
HSL-D Commercial / Industrial 2 to <		2 to <4 m	4900	NL	NL	NL	NL	NL	NL	6200	NL	NL	NL	NL	NL	NL	NL
HSIATI Greenman Industrial 4 to <8 t			5100	NL	NL	NL	NL	NL	NL	6300	NL	NL	NL	NL	NL	NL	NL
-0,-0 Cen	and Controlled	> 8 m	5400	NL	NL	NL	NL	NL	NL	6500	NL	NL	NL	NL	NL	NL	NL
						Labo	ratory - Limit	of Reporting	(LOR)								
			1	1	1	1	2	3	10	20	50	100	100	100	0.01	50	1
							GME Labora	tory Results									
Well	Date Sampled	DTW (m)															
MW-01	23/10/2019	1.873	32	<1	4	<1	3	3	<10	700	50	<100	<100	<100	6.81	<50	10
MW-02	23/10/2019	**							Not sampled	- replacement	well installe	d					
MW-02A	23/10/2019	1.784	230	2300	810	1700	4700	6400	280	12000	240	<100	<100	520	6.45	<50	77
MW-03	23/10/2019	2.326	<1	<1	<1	<1	<2	<3	<10	<20	<50	<100	<100	<100	7.03	<50	990
MW-04	23/10/2019	2.926	2900	1300	590	77	1700	1700	240	2900	240	<100	<100	480	6.71	<50	22
MW-05	23/10/2019	1.395	<1	<1	<1	<1	2	<3	<10	<20	<50	<100	<100	<100	6.27	<50	62
MW-06	23/10/2019	2.029	<1	<1	<1	<1	<2	<3	<10	<20	<50	<100	<100	<100	6.66	<50	7

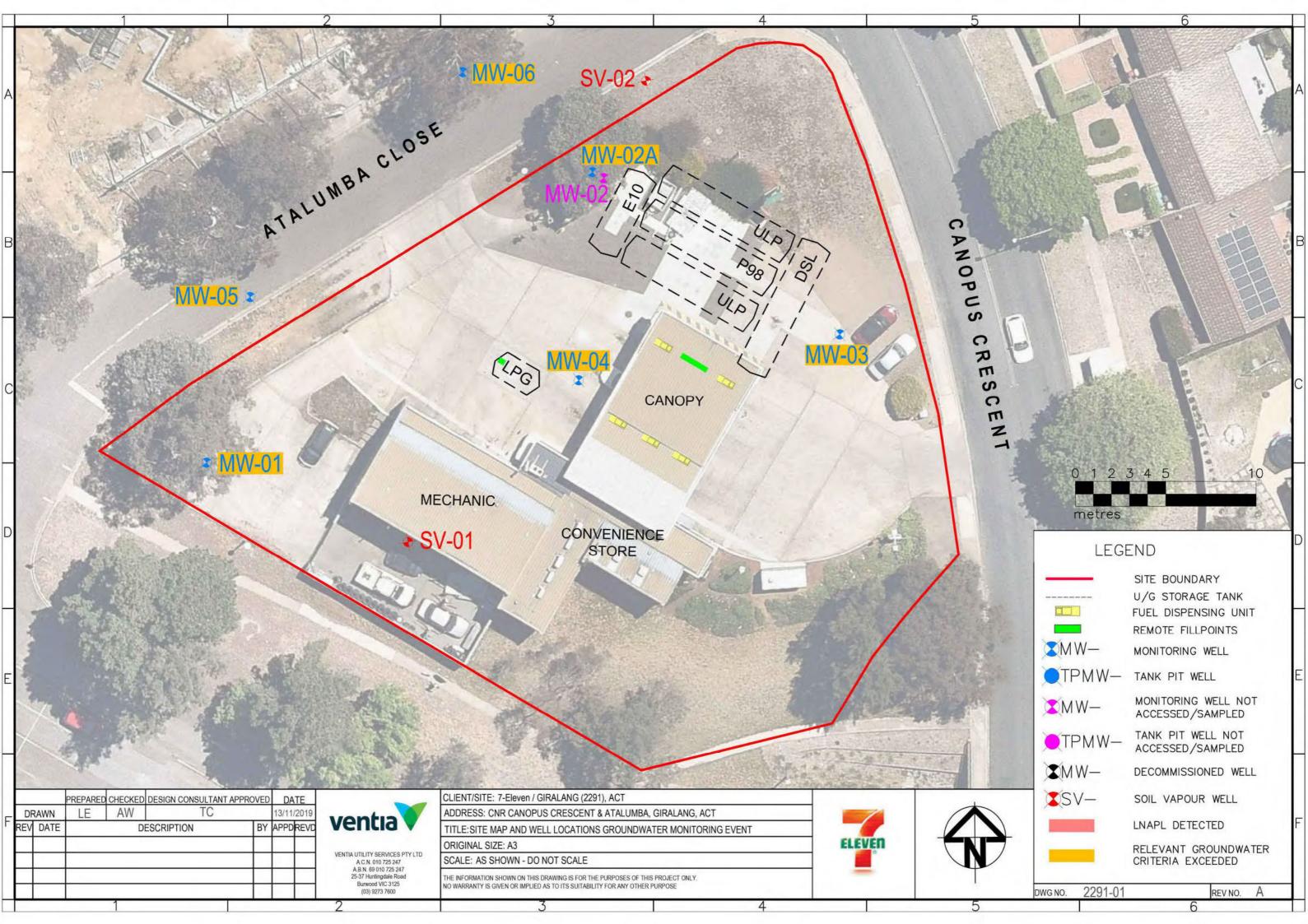


			Table 3 - Analytical Summary (Current and Historic GME Data) BTEXN TRH												pH	Ethanol	Lead
						(µg/L)						(µg/L)				(µg/L)	(µg/L
			В	Т	E	Xo	XM&P	X _{Total}	N	F1	F2	>C16-C34	>C34-C40	C10-C40	pН	Ethanol	Lead
NIV 0 0044 A 11 11				1				els (HSLs) for		lydrocarbons							
DWG 2011 - Aesthetic				25	3			20	7			•					-
DWG 2011 - Health/Dri	nking Water		1	800	300	- 19	7	600	*1			-1		4		- 34	10
WQG 2000 - Fresh wat	950	180	80	350	200 h	7-	16			The second		- 1	100	1400	3.4		
PA ACT Guidelines - Pe		950	300	140	350	200	600	16			-		600	6.5-8.5	1400	3.4	
Vapour Intrus	ion HSL (for Sand)	DTW (m)															
HSL-D Com	mercial / Industrial	2 to <4 m	4900	NL	NL	NL	NL	NL	NL	6200	NL	NL	NL	NL	NL	NL	NL
HSL-0 Con	mension (lendural(rink)	4 to <8 m	5100	NL	NL	NL	NL	NL	NL	6300	NL	NL	NL	NL	NL	NL	NL
ASLA) Care	neoni interim	> 8 m	5400	NL	NL	NL	NL	NL	NL	6500	NL	NL	NL	NL	NL	NL	NL
						Labo	L ratory - Limit	of Reporting	(LOR)								
			1	1	1	1	2	3	10	20	50	100	100	100	0.01	5000	1
NAL-W		DTW					GME Labora	atory Results									
Well	Date Sampled	(m)					_		-			1452	1				
	11/10/2012	1.608	36	<2	37	π]_	(11)	3	6	660	204	<100	<100	-	6.89	177-	-
	09/04/2013	2.198	27	<2 12	45 14	-	-	3	8 <5	460 550	182 120	<100 <100	<100		7.16	-	3
	05/10/2014	2.204	12	<2	2	<2	<2	<2	<5	140	<100	<100	<100	<100	-		-
	04/03/2015	2.198	46	<2	15	<2	<2	<2	6	500	<100	<100	<100	100	TE	+	-
	28/09/2015	1.770	3	<2	<2	<2	<2	<2	<5	100	<100	<100	<100	<100	7.33	<50	7
MW-01	16/11/2016	1.580	<1	<1	<1	<1	<2	<3	<10	50	100	<100	<100	100	6.95	<50	2
	21/02/2017	-	55	<2	23	4	<2	4	7	480	170	<100	<100	180	14	<50	<1
	26/09/2017	2.048	<1	<1	<1	<1	<2	<3	<10	20	<50	<100	<100	<100	6.98	<50	3
	17/04/2018	2.118	130	3	73	<1	11	11	30	1200	<50	<100	<100	<100	6.58	<50	5
	31/10/2018	2.036	13	<1	14	<1	<2	<3	<10	100	110	<100	<100	110	6.33	<50	2
	03/04/2019	1.641	32	3 <1	100	<1	12	12	60 <10	1100 700	580 50	100	<100 <100	740 <100	9.08	<50 <50	5
	11/10/2012	1-2	32 <1 4 <1 3 3 <10 700 50 <100 <100 <100 6.81 <50 10 Unable to access														
	09/04/2013	-	Unable to access														
	06/04/2014	-	Unable to access														
	05/10/2014	-	Unable to access														
	04/03/2015	· +-	Unable to access 2														
	28/09/2015	2.164	2	<2	<2	<2	<2	<2	<5	<20	<100	290	<100	290	7.33	<50	15
MW-02	16/11/2016	1.972	<10 a	190	330	650	1400	2000	60	1900	<50	<100	<100	<100	6.77	<50	120
	21/02/2017	2.277	40 600	3060 4100	2160 930	3780 2100	8510 5200	12300 7400	253 <1000 a	2100	<100 590	<100 <100	<100 <100	<100 590	7.24	<50 <50	<1 15
	18/04/2018	2.339	510	4300	320	2800	8100	11000	250	13000	280	1000	<100	1530	6.47	<50	10
	31/10/2018	-								- replacemen							27
	03/04/2019	-	Not sampled - replacement well installed														
	23/10/2019	-	Not sampled - replacement well installed														
	31/03/2017	1.850	48	1780	847	1740	4070	5810	141	9420	1710	<100	<100	1850	-	<50	(m)
	26/09/2017	2.023	710	4300	870	2000	4600	6600	<1000 a	8500	870	<100	<100	870	6.81	<50	19
MW-02A	18/04/2018	2.095	340	3300	930	2500	7000	9500	250	13000	250	<100	<100	500	6.49	<50	19
	31/10/2018 03/04/2019	1.887	630 220	5200 1700	880	1800	5200 3800	6900 5200	<200 a	11000 9000	3600 2670	<100 400	<100	3600	6.08	<50 <50	96
	23/10/2019	1.784	230	2300	810	1700	4700	6400	280	12000	240	<100	<100	520	6.45	<50	77
	11/10/2012	1.776	<1	<2	<2	-	-	<2	<5	<20	<100	<100	<100	-	6.47		-
	09/04/2013	2.376	<1	<2	<2	-	-	<2	<5	<20	<100	<100	<100	5**5	7.19	(**)	(+-)
	06/04/2014	2.094	<1	<2	<2	-		<2	<5	<20	<100	<100	<100	F-	-	н	-
	05/10/2014	2.080	<1	<2	<2	<2	<2	<2	<5	<20	<100	<100	<100	<100	-	-	**
	04/03/2015	2.230	<1	<2	<2	<2	<2	<2	<5	<20	<100	<100	<100	<100	7.00		407
MVV-03	28/09/2015 16/11/2016	1.945	<1	<2	<2	<2	<2	<2	<5 <10	<20 <20	<100 3200	<100 <100	<100	<100 3200	7.03 6.69	<50 <50	107
MIVV-US	21/02/2017	2.200	<1	<2	<2	<2	<2	<2	<10	<20	<100	<100	<100	<100	6.69	<50 <50	<1
	26/09/2017	2.170	<1	<1	<1	<1	<2	<3	<10	<20	<50	<100	<100	<100	7.01	<50	6
	17/04/2018	2.297	<1	<1	<1	<1	<2	<3	<10	<20	<50	<100	<100	<100	6.42	<50	91
	31/10/2018	1,938	<1	<1	<1	<1	<2	<3	<10	<20	<50	<100	<100	<100	6.09	<50	300
	03/04/2019	2.312	<1	<1	<1	<1	<2	<3	<10	<20	<50	<100	<100	<100	7.42	<50	280
	23/10/2019	2.326	<1	<1	<1	<1	<2	<3	<10	<20	<50	<100	<100	<100	7.03	<50	990
	30/11/2015	2.920	700	130	52	610	1300	1900	<100 a	3700	640	<100	<100	640	7.05	(*)	-
	16/11/2016	2.680	560	<20 a	15	<10 a	<20 a	<30 a	<10	530	70	<100	<100	<100	6.93	<50	<1
	21/02/2017	3.100 3.105	337 510	3 14	57	24	130	150	<5 <80 a	<20 570	<100 160	<100	<100	<100 160	7.16	<50 <50	49
MW-04	17/04/2018	3.033	1000	70	190	46	770	810	<80 a	1600	60	<100	<100	170	6.63	<50	70
	31/10/2018	3.068	1700	<100 a	390	<100 a	1600	1600	<100 a	3500	1100	<100	<100	1100	6.43	<50	66
	03/04/2019	2.867	1200	37	200	18	580	600	<10	1900	2500	800	<100	3300	8.15	<50	94
	Continue to the first to the fi	15/17/6/W/SDE								11.50.517.00.10.	150.000 100 100					and the same of th	



					Table	e 3 - Analytic	al Summary (Current and I	listoric GME	Data)							
			BTEXN TRH (μg/L) (μg/L)										pH	Ethanol (µg/L)	Lead (µg/L)		
			В	Т	E	Xo	X _{M&P}	X _{Total}	N	F1	F2	>C16-C34	>C34-C40	C10-C40	рН	Ethanol	Lead
					Trigger Valu	es / Health S	creening Leve	els (HSLs) for	Petroleum H	l Hydrocarbons		*					
ADWG 2011 - Aesthetic				25	3			20	,			-4					
WG 2011 - Health/Dri	nking Water	1	800	300			600	14			A.				100	10	
/QG 2000 - Fresh wat	950	180	80	350	200 h	-	16			-0			1.40	1400	3.4		
A ACT Guidelines - Pr	etroleum Storage in the ACT		950	300	140	350	200	600	16			+3		600	6.5-8.5	1400	3.4
Vapour Intrus	ion HSL (for Sand)	DTW (m)															
HSL-D Commercial / Industrial 2 to <4 m			4900	NL	NL	NL	NL	NL	NL	6200	NL	NL	NL	NL	NL	NL	NL
HSL-17 Commenced A fordunitrial 4 to <8 m			5100	NL	NL	NL	NL	NL	NL	6300	NL	NL	NL	NL	NL	NL	NI
-150 O G-10	> 8 m	5400	NL	NL	NL	NL	NL	NL	6500	NL	NL	NL	NL	NL	NL	NI	
						Labo	ratory - Limit	of Reporting	(LOR)								
			1	1	1	1	2	3	10	20	50	100	100	100	0.01	5000	1
	v .	4 - 9					GME Labora	tory Results				***************************************					
Well	Date Sampled	DTW (m)															
	31/03/2017	1,765	6	<2	<2	4	4	8	<5	730	100	<100	<100	100	(44)	<50	1-
	26/09/2017	1.560	<1	<1	<1	<1	<2	<3	<10	<20	<50	<100	<100	<100	8.04	<50	20
MW-05	17/04/2018	1.607	<1	<1	<1	<1	<2	<3	<10	<20	<50	<100	<100	<100	6.65	<50	13
WW-05	31/10/2018	1.397	<1	<1	<1	<1	<2	<3	<10	<20	<50	<100	<100	<100	5.89	<50	29
	03/04/2019	1,262	<1	<1	<1	<1	<2	<3	<10	<20	<50	<100	<100	<100	8.45	<50	78
	23/10/2019	1.395	<1	<1	<1	<1	2	<3	<10	<20	<50	<100	<100	<100	6.27	<50	62
	31/03/2017	2.050	<1	<2	<2	<2	<2	<2	<5	<20	<100	<100	<100	<100	ITT.	<50	-
	26/09/2017						*			Well dry							
****	17/04/2018									Well dry							
MW-06	31/10/2018	1						N	ot sampled -	well dry for cor	secutive rou	nds					
	03/04/2019	1.947	<1	<1	<1	<1	<2	<3	<10	<20	<50	<100	<100	<100	6.32	430	3
	23/10/2019	2.029	<1	<1	<1	<1	<2	<3	<10	<20	<50	<100	<100	<100	6.66	<50	7

							Table 4 -Tre	nd Analysis									
						BTEXN				TRH						- Table 1	1.50
Well	Start Date	End Date	В	T	E	Χo	X _{M&P}	X _{Total}	N	F1	F2	>C16-C34	>C34-C40	C10-C40	pH	Ethanol	Lead
MW-01	05/10/2014	23/10/2019	No Trend	Stable	No Trend	Probably Decreasing	Probably Increasing	Increasing	Probably Increasing	No Trend	No Trend	No Trend	Stable	No Trend	Stable	Stable	No Trend
MW-02A	31/03/2017	23/10/2019	Stable	Stable	Stable	Stable	No Trend	Stable	Stable	No Trend	Stable	No Trend	Stable	Stable	Stable	Stable	No Trend
MW-03	05/10/2014	23/10/2019	Stable	No Trend	No Trend	No Trend	Stable	No Trend	No Trend	Stable	Decreasing	Stable	Stable	No Trend	Stable	Stable	Increasing
MW-04	30/11/2015	23/10/2019	Increasing	No Trend	Increasing	No Trend	Probably Increasing	No Trend	No Trend	No Trend	No Trend	No Trend	Stable	Probably Increasing	Stable	Stable	No Trend
MW-05	31/03/2017	23/10/2019	No Trend	Stable	Stable	No Trend	Stable	No Trend	No Trend	No Trend	Stable	Stable	Stable	Stable	Stable	Stable	No Trend
MW-06	31/03/2017	23/10/2019	Insufficient data for statistical analysis														





Report Notes

General

- This GME report has been prepared to provide a summary of GME data and should be read in conjunction with Ventia's letter, dated 12th January 2017, and can be provided upon request. This report is subject to the assumptions and limitations defined within the letter.
- MW-# denotes a water sample obtained from a groundwater monitoring well.
- TPMW-# denotes a water sample obtained from a tank pit monitoring well.
- RW-# denotes a water sample obtained from a recovery or remediation well.
- Where nomenclature systems used to identify wells during previous investigations are significantly different to the standard nomenclature as defined above, they may be retained to avoid confusion.
- DTW (depth to water) and WD (well depth) are measured from top of well casing.
- Quality Assurance (QA) assessment undertaken as part of the program includes collection of blind duplicates (primary lab), split duplicates (secondary lab), trip blanks and trip spikes. This data is collated and reviewed throughout the GME program and is reported at the completion of the GME in a methodology report submitted to 7-Eleven.
- Where detected, Light Non-Aqueous Phase Liquid (LNAPL) apparent thickness is estimated based on measurements made using an interface probe.
- Determination of potential off-site receptors and sources of contamination has been done as a desktop review of previous historic reports and a map search and any receptors have been noted within the Summary of GME Findings section of the report. Distances to off-site locations are approximate only.
- Polycyclic Aromatic Hydrocarbons (PAHs) have not been considered during this investigation with the exception of Naphthalene.
- Lead analysis is for Total Lead in line with the conditions stipulated in the Environmental Authorisation.

Trigger Values and Screening Levels

- '-' denotes that there is no relevant regulatory or guideline criterion.
- Trigger values/screening levels have been adopted using the National Environment Protection (Assessment of Site Contamination) Measure, updated May 2013, (NEPM, 1999) as the overarching reference. NEPM refers to other key documents;
 - Trigger values for drinking water, health and aesthetic values are sourced from National Health and Medical Research Council's Australian Drinking Water guidelines 6, 2011 Version 2, updated December 2013 (NHMRC, 2011), referred to as ADWQ 2011.
 - Trigger values for protection of freshwater and marine water ecosystems are adopted from Australian and New Zealand guidelines for Fresh and Marine Water Quality (ANZECC & ARMCANZ, 2000), referred to as AWQG 2000.
 - Health Screening Levels (HSLs) for vapour intrusion are adopted from Cooperative Research Centre for Contamination Assessment and Remediation of the Environment, Technical Report No. 10 (Friebel & Nadebaum, 2011), referred to as CRC CARE 2011.
- For sites in Victoria, trigger values are adopted according to the environmental quality indicators and objectives from SEPP Waters as defined in Victorian Government Gazette No. S499, October 2018, and relevant reference documents. SEPP Waters requires assessment of beneficial uses of groundwater to be protected for the relevant groundwater segment which is determined based on the background groundwater TDS concentration. Dependent upon the measured groundwater TDS concentration, and classification of groundwater segment, the relevant trigger values for water dependent ecosystems and species, potable water supply (desirable and acceptable), potable mineral water supply, and water-based recreation (primary contact recreation) are applied as provided in ADWG 2011 and AWQG 2000. For the purposes of agriculture and irrigation (stock watering) and agriculture and irrigation (irrigation), AWQG 2000 trigger values have been adopted. SEPP Waters does not reference specific environmental quality indicators of objectives for assessing the potential for hydrocarbon or lead in groundwater to adversely impact the beneficial uses of geothermal properties and building and structures. These beneficial uses are likely to be protected by application of trigger values for water dependent ecosystems and species and potable water supply.
- No specific environmental quality indicators or objectives are referenced in SEPP Waters for the beneficial uses of traditional owner cultural values; and cultural and spiritual values. SEPP Waters states that environmental quality objectives for other beneficial uses go some way to protecting cultural and spiritual values. The trigger values for water dependent ecosystems and species and potable water supply have been adopted to assess the beneficial uses of traditional owner cultural values; and cultural and spiritual values.
- With regard to AWQG 2000;
 - NEPM recommends adopting a 95% protection of species level in freshwater and 99% protection of species level in marine water (slightly to moderately disturbed ecosystems) for Tier 1 assessments and these values are shown in tables 2 and 3. Low reliability trigger values for Toluene, Ethylbenzene and total Xylenes are shown in the absence of more reliable values.
 - o Individual trigger values for each of the xylene isomers (m-xylene, p-xylene and o-xylenes) are provided. The lower of these values has been applied and compared against total xylene in Tables 2 and 3. Where the total xylene concentration exceeds this value, assessment of individual isomer concentrations against the individual criteria can be undertaken.
 - The Marine water 99% ecosystem protection levels provided may not protect key species from chronic toxicity, refer to reference for further guidance.



- With regard to HSLs adopted from CRC CARE (2011);
 - o In using these HSLs, reference is made to the notes and limitations detailed in the HSL Table Notes for Tables A1 to A4 in Appendix A of Part 1: Technical Development Document. Land use scenarios are defined as HSL-A (low density residential), HSL-B (high density residential), HSL-C (recreational/open-space) and
 - HSL-D (industrial/commercial) and Intrusive Maintenance Worker (< 1m trench depth).
 - o For Tier 1 assessment of groundwater using HSLs, the relevant groundwater depth for unconfined groundwater conditions is the gauged groundwater depth following well installation. For confined or semi-confined groundwater conditions, the relevant groundwater depth is the depth at which groundwater is encountered during well installation. For tidally or seasonally influenced groundwater fluctuations, the shallowest groundwater level is assessed during an initial Tier 1 assessment. Where historical data relating to groundwater depth encountered during the installation of the wells is not provided, the groundwater depths from the most recent investigation have been used. Groundwater depths are relative to the top of well casing. HSLs do not apply at sites where groundwater is less than 2m below the site surface or basement level (site specific risk assessment may be required). As such, groundwater depths less than 2m are coloured blue in Tables 2 and 3.
 - o 'NL' indicates 'Not Limiting' where the derived HSL exceeds the water solubility limit, a soil-vapour source concentration for a petroleum mixture could not exceed a level that would result in the maximum allowable vapour risk for the given soil type and groundwater depth.
 - o HSLs are defined with respect to the predominant overlying soil types, classified as sand, silt or clay. Predominant overlying soil type is defined as the soil type that represents the largest component of the vertical profile above the relevant groundwater depth. Where soil lithology encountered is not sand, silt or clay (eg. gravel or unconsolidated fill), the HSL for sand is used to provide a conservative assessment. Further, all tank pit monitoring wells have been assessed against sand guideline values.
 - HSLs are not applicable where shallow DTWs (<2m) are encountered and a site specific risk assessment may be recommended before a
 conclusion on the suitability of the site for a particular land use can be reached.
- F1 Fraction denotes TRH C6-C10 fraction minus BTEX compounds as reported in the laboratory reports.
- F2 Fraction denotes TRH >C10-C16 minus naphthalene, in accordance with the Guideline on laboratory analysis of potentially contaminated soils, NEPM Schedule B3 (Draft Variation 2011). Current Ventia data reports the F2 fraction as provided by the laboratory. Historic data provided by Fyfe has had Naphthalene manually subtracted from the >C10-C16 fraction. Ventia provides no QA checks or assurances of Fyfe data.
- 'a 'denotes that the raised laboratory LOR values are listed. In some instances where sample dilution is required prior to analysis (eg. due to matrix interference or high contaminant concentrations), the LOR values may be raised and the raised LOR value will be shown for the relevant individual sample(s) and compound(s) within the table. In this case the LOR values may be raised above adopted guidelines however identifying exceedances in these instances is outside the scope of this report.
- For the purposes of the trend analysis, historical results reported as TPH fractions have been transposed into TRH fractions as per CRC CARE guidelines such that historical C6-C9 and C10-C14 concentrations are assessed using the HSL for C6-C10 and >C10-C14, respectively.
- 'b' denotes that for historic data only, C6-C9/C6-C10 or C10-C14/>C10-C16 has been presented from previous reports without the subtraction of BTEX or naphthalene respectively.
- 'c' denotes that there has been a data retrieval error during the site inspection and/or data compiling and analysis.
- 'd'denotes that a non-measurable thickness of LNAPL was detected in the well. A non-measurable thickness of LNAPL is considered to be <3 mm.
- 'e' denotes that a measurable thickness of LNAPL was detected in the well. Water sample collected from below LNAPL layer and analysed.
- 'f' denotes that samples underwent silica-gel clean-up prior to analysis.
- 'g' denotes that the concentration from a duplicate sample is greater than that of the primary sample. The higher concentration from the duplicate sample has been adopted as the conservative approach.
- 'h' denotes that the guideline for xylene-p has been adopted, where xylene-m+p is unavailable in the AWQG 2000 guidelines as a conservative approach.
- DECCW Duty to Report Contamination criteria are defined in the Guidelines on the Duty to Report Contamination under the Contaminated Land Management Act 1997, June 2009. Note that this document references the AWQG (2000) trigger values for freshwater and marine water and the ADWG (2011) relevant to potential human health impact. As such, where the freshwater, marine water or drinking water criteria shown in Tables 2 and 3 are exceeded for a site located in NSW, the site owner has a duty to notify the State Authority using the process defined in the guidance.



Tables

- All concentrations are µg/L unless otherwise mentioned.
- '< LOR' and '<#' indicates that the analyte was not detected above the laboratory LOR.
- '--' denotes that historical value is unknown. Where provided, historical data is included in Table 3.
- 'ND' denotes that a value was not detected in both cases of observations performed by field staff and field instrumentation.
- 'Xylenes' denotes the sum of o-, p -and m- Xylene isomers.
- Shading indicates a concentration in excess of the relevant trigger level or screening level as indicated by shading colour. Where more than one trigger level or screening level is exceeded, the colour applied is that of the highest level exceeded.
- Criteria used to assess analyte concentrations with regards to exceedance of relevant trigger levels or screening levels by Ventia were revised in July 2017. Reports issued by Ventia prior to this date, report exceedances as equal to or greater than the relevant trigger levels or screening levels.
- DTW and WD measurements have been collected and presented to the nearest millimetre (3 decimal place accuracy) to remain consistent with historic and industry standards.

Trend Analysis

- With Regard to Table 4 Trend Analysis;
 - o Trends noted in the Overview / Conclusions refer to Table 4 Trend Analysis.
 - o Trends are undertaken on historic data and are determined using a Mann-Kendall Trend Analysis in Microsoft Excel.
 - o Calculations and trend criteria were determined with reference to "MAROS: Monitoring and Remediation Optimization System Decision Support Tool and Application" (Aziz et. al, 2003).
 - o 'Increasing' denotes an increasing trend in analyte concentration, 'Decreasing' indicates a decreasing trend in analyte concentration, 'Stable' denotes concentrations are not increasing or decreasing and 'No Trend' indicates that there is no discernible trend present. 'Probably' trends are statistically calculated indicators that analyte concentrations may be changing, further data is required to determine certainty of the trend in concentrations.
 - o When trend analysis indicates a trend is present in hydrocarbon concentrations that has resulted from changes to LOR values, the trend is stated as 'No Trend'. These trends are the result of varying LOR values and are not necessarily indicative of changes in concentrations.
 - o Where the number of independent rounds exceeds 10 rounds, trends are calculated based on the 10 most recent rounds of data available as defined by Start and End Dates in Table 4 Trend Analysis.
- · Assumptions of a Mann-Kendall Trend Analysis are;
 - o p-value = 0.1
 - o Data points that are <LOR are multiplied by 0.5
 - o A minimum of four independent rounds of data are analysed
- Limitations of a Mann-Kendall Trend Analysis are;
 - o A minimum of four independent rounds of data must be analysed when using p = 0.1
 - Seasonal variation was not addressed when conducting this trend analysis



Acronyms

ADWG Australian Drinking Water Guideline

ANZECC Australian and New Zealand Environment and Conservation Council

ARMCANZ Agriculture and Resource Management Council of Australia and New Zealand

AWQG Australian Water Quality Guideline

BTEXN Benzene, Toluene, Ethyl benzene, total Xylenes, Naphthalene

CRC CARE Cooperative Research Centre for Contamination Assessment and Remediation of the Environment

DECCW Department of Environment, Climate Change and Water

DO Dissolved Oxygen
DTW Depth To Water relative
EC Electrical Conductivity
GME Groundwater Monitoring I

GME Groundwater Monitoring Event
GoV Groundwater's of Victoria
HSL Health Screening Level

LNAPL Light Non Aqueous Phase Liquid

LOR Limit of Reporting MW Monitoring Well ND Not Detected NM Not Measurable

NEPM National Environment Protection Measure
NHMRC National Health and Medical Research Council

NL Not Limiting

NRMMC Natural Resource Management Ministerial Council

PAH Polycyclic Aromatic Hydrocarbons

QA Quality Assurance RW Recovery Well

SEPP State Environment Protection Policy SVOC Semi-Volatile Organic Compound

TDS Total Dissolved Solids
TPMW Tank Pit Monitoring Well

TRH Total Recoverable Hydrocarbons
UPSS Underground Petroleum Storage System

WD Well Depth

From: "McIntyre, Sara" Sent: 28/11/2019 12:31 AM

To: Schedule 2.2(a)(ii) @7eleven.com.au>

Subject:RE: Underground waste oil storage tanks [SEC=UNCLASSIFIED]

Hi ,

That's ok, I have your email as a record.

Kind regards,

Sara McIntyre | Environment Protection Officer | Environment Protection

Phone: 02 6207 2144 | Fax: 02 6207 6084 | email: sara.mcintyre@act.gov.au

Environment Protection Authority | Access Canberra | ACT Government

TransACT House, 470 Northbourne Avenue, Dickson | GPO BOX 158 | CANBERRA ACT 2601 | www.accesscanberra.act.gov.au

Please note that my work hours are Monday to Friday, 9.30 am to 2.30 pm.

From: Schedule 2.2(a)(ii) @7eleven.com.au]

Sent: Thursday, 28 November 2019 11:14 AM
To: McIntyre, Sara <Sara.McIntyre@act.gov.au>
Cc: Schedule 2.2(a)(ii) @7eleven.com.au>

Subject: Underground waste oil storage tanks [SEC=UNCLASSIFIED]

Hi Sara,

This was a misunderstanding of the question. As a correction, similar to previous submissions, there is no reconciliation associated with the waste oil tanks.

Would you like this discrepancy noted and the EAs reissued?

Regards

Scheduls 2.2(a)(ll)



Schedule 2.2(a)(ii) @7eleven.com.au

www.7eleven.com.au

From: McIntyre, Sara [mailto:Sara.McIntyre@act.gov.au]

Sent: Wednesday, 27 November 2019 1:40 PM To: Schedule 2.2(a)(ll) @7eleven.com.au>

Subject: Underground waste oil storage tanks [SEC=UNCLASSIFIED]

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi ,

Our records indicate that there are underground waste oil tanks at the 7-Eleven Giralang, Out of Scape sites. The Authorisation reviews completed in 2017 for these sites identified that the waste oil storage tanks were not being dipped to detect leaks.

In the Review Questionnaire that was recently completed for these sites, 7-Eleven has indicated that reconciliation records are being kept for oils stored on site (Condition 10(d)). Can you please confirm if these tanks are now being dipped? Are records available?

Thanks

Kind regards,

Sara McIntyre | Environment Protection Officer | Environment Protection

Phone: 02 6207 2144 | Fax. 02 6207 6084 | email: sara.mcintyre@act.gov.au

Environment Protection Authority | Access Canberra | ACT Government

TransACT House, 470 Northbourne Avenue, Dickson | GPO BOX 158 | CANBERRA ACT 2601 | www.accesscanberra.act.gov.au

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From: "McIntyre, Sara" < Sara. McIntyre@act.gov.au>

Sent:18/07/2019 11:28 PM

To:"Heckenberg, Mark" < Mark. Heckenberg@act.gov.au>

Subject:FW: 7-Eleven Groundwater Sampling reports [SEC=UNCLASSIFIED]

Attachments: 2291 Giralang GME July 2019 Rev1.pdf

Hi Mark,

7 Eleven has submitted their latest GME report for Giralang. The report shows increasing lead impacts off-site (MW05) as well as increasing impacts on site.

We have previously requested that the source of impacts in MW02/MW02A be investigated. I spoke with this morning. He said that they have looked at increasing trends on site and can find no reason for it (eg. no issue with operation of pumps to indicate loss from tank, SIRA shows no losses).

Can you please advise if any additional delineation or assessment is required?

Previous reports are saved here G:\Access Canberra\EP&WR\Regulation - Environment Protection

Act\Environmental Authorisations\0760 Convenience Properties - Giralang\Sampling Results and the ESA from 2017 is saved here G:\Access Canberra\EP&WR\Regulation - Environment Protection Act\Environmental

Authorisations\0760 Convenience Properties - Giralang\Contamination\Environmental Site Assessment 7-Eleven

Giralang May 2017.PDF

Thanks

Kind regards,

Sara McIntyre | Environment Protection Officer | Environment Protection

Phone: 02 6207 2144 | Fax: 02 6207 6084 | email: sara.mcintyre@act.gov.au

Environment Protection Authority | Access Canberra | ACT Government

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Please note that my work hours are Monday to Friday, 9.30 am to 2.30 pm.

From: Schedule 2.2(a)(ii) 7eleven.com.au]

Sent: Wednesday, 17 July 2019 6:37 AM

To: McIntyre, Sara <Sara.McIntyre@act.gov.au>

Cc: Schedule 2.2(a)(ii) @7eleven.com.au>

Subject: RE: 7-Eleven Groundwater Sampling reports [SEC=UNCLASSIFIED]

Hi Sara,

Attached is the revised Giralang GME Report.

Regards

Schedule 2.2(a)(ii)



Schedule 2.2(a)(ii)

www.7eleven.com.au

From: McIntyre, Sara [mailto:Sara.McIntyre@act.gov.au]

Sent: Monday, 15 July 2019 1:05 PM

To: Schedule 2.2(a)(ii) @7eleven.com.au>
Cc: Schedule 2.2(a)(ii) @7eleven.com.au>

Subject: RE: 7-Eleven Groundwater Sampling reports [SEC=UNCLASSIFIED]

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Hi

Thank you for the response to my questions. Out of Spage

Thanks

Kind regards,

Sara McIntyre | Environment Protection Officer | Environment Protection

Phone: 02 6207 2144 | Fax: 02 6207 6084 | email: sara.mcintyre@act.gov.au

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From: Schedule 2.2(a)(ll) @7eleven.com.au]

Sent: Monday, 15 July 2019 1:02 PM

To: McIntyre, Sara <<u>Sara.McIntyre@act.gov.au</u>>
Cc: Schedule 2.2(a)(ii) @7eleven.com.au>

Subject: RE: 7-Eleven Groundwater Sampling reports [SEC=UNCLASSIFIED]

Hi Sara,

Thanks for your prompt response.

With regards to your queries below I can provide the following information.

Giralang: As you are aware MW2 was replaced by MW2A due to screening issues. The most recent reporting of an increasing trend in Table 4 for MW2 is incorrect as this well has been removed from the groundwater monitoring program. MW2A is currently trending as stable. The GME report is being revised and I will send through on receipt.



Out of Scope

Regards

Schedule 2.2(a)(ii)



Schedule 2.2(a)(ii)

www.7eleven.com.au

From: McIntyre, Sara [mailto:Sara.McIntyre@act.gov.au]

Sent: Wednesday, 10 July 2019 12:50 PM

To: Schedule 2.2(a)(ii) @7eleven.com.au>

Cc: Schedule 2.2(a)(ii) @7eleven.com.au>

Subject: RE: 7-Eleven Groundwater Sampling reports [SEC=UNCLASSIFIED]

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Hi

Thank you for the reports.

In regards to Giralang, can you please advise if the source of the impact in MW2/MW2A has been investigated (as recommended in the Environmental Site Assessment, dated April 2017)? It is noted that an increasing trend has been identified in this monitoring well in the latest GME.

Out of Scope

Kind regards,

Sara McIntyre | Environment Protection Officer | Environment Protection

Phone: 02 6207 2144 | Fax: 02 6207 6084 | email: sara.mcintyre@act.gov.au

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From: Schedule 2,2(a)(ii) @7eleven.com.au]

Sent: Wednesday, 10 July 2019 6:43 AM

To: McIntyre, Sara <<u>Sara.McIntyre@act.gov.au</u>> Subject: 7-Eleven Groundwater Sampling reports

Hi Sara,

Attached are the most recent groundwater monitoring reports for our stores in the ACT which are not currently undergoing further assessment/environmental audit.

Regards

Schedule 2.2(a)(ii)



Schedule 2.2(a)(ii)

www.7eleven.com.au

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From: "Heckenberg, Mark" < Mark. Heckenberg@act.gov.au>

Sent:16/06/2019 9:57 PM

To:"Schedule 2.2(a)(ii) @robsonenviro.com.au>

Cc: "McIntyre, Sara" < Sara. McIntyre@act.gov.au>

Subject: RE: Our Job number 10923 - PSI Groundwater Monitoring Bores (site - Block 5 and 8, Section 80, Giralang)

Dear

Office of the Environment Protection Authority records from 2017 indicate that there are hydrocarbon impacts to groundwater associated with the operation of the active 7-Eleven Service Station located at Block 1 Section 79 Giralang. Standing groundwater levels at this site are approximately 2 metres below ground level.

These records indicate that groundwater impacts have been delineated to within Environment Protection Authority adopted criteria with impacts above criteria only noted within Block 1 Section 79 Giralang.

As this is an active service station site should you wish to review these records or enquiry about more current records please contact Environment.Protection@act.gov.au.

Regards

Mark Heckenberg | Manager, Contaminated Sites

Phone: 02 6207 2151 | Email: mark.heckenberg@act.gov.au

Office of the Environment Protection Authority | Access Canberra | ACT Government

Ground Floor TransACT House, 470 Northbourne Avenue, Dickson 2602

GPO Box 158 Canberra ACT 2601 | http://www.act.gov.au/accesscbr

From: Schedule 2.2(a)(ii) @robsonenviro.com.au]

Sent: Thursday, 13 June 2019 12:02 PM

To: Contaminated Sites < Contaminated Sites@act.gov.au>

Subject: Our Job number 10923 - PSI Groundwater Monitoring Bores (site - Block 5 and 8, Section 80, Giralang)

Hi Mark,

Robson is undertaking a PSI for the above mentioned site. Can you please advise if there are Monitoring Bores associated with possible Contaminated Sites within a 1km radial search area of Block 5 and 8, Section 80, Giralang, 2617, ACT.

Thank you.



Graduate Environmental Scientist

Phone: 02 6239 5656 Direct:

Mobile: Fax:

Email:

@robsonenviro.com.au

Web: www.robsonenviro.com.au

140 Gladstone St Fyshwick ACT 2609 ~ PO Box 112 Fyshwick ACT 2609

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