

- Such issues are improbable in the ACT because of the remote catchments used for town water supply and the insignificant volume of food production in the ACT.

The ACT and PFAS

- There are three known affected sites for PFAS in the ACT: Canberra Airport, the former Charnwood Fire Station and former Belconnen Fire Station.
- In recent years the ACT EPA, in conjunction with the National Capital Authority and Icon Water, undertook sampling across ACT waterways to determine background levels of PFAS. The water sampling results did not detect PFAS in ACT waterways.
- Other activity may occur, where appropriate, to further assess ACT sites, in accordance with the NEMP.
- This may include ESA sites such as the former Belconnen Fire Station and Training Centre, the current Fyshwick, Gungahlin, Chisholm, Ainslie, Phillip and Kambah Fire Stations, and the former fire station site Greenway.
- The United Firefighters Union have recently raised concerns around potential health impacts for firefighters who may have come into contact with PFAS. (More detail below)

Fire and Rescue/Emergency Services Agency (UFU Concerns)

- ACT Fire & Rescue phased out PFAS thirteen years ago (2005).
- The ACT ESA have been working hard to ensure equipment is replaced and changed over.
- Our firefighters, and the community can be assured that the ACT ESA, and government, take this issue very seriously, we did thirteen years ago, and continue to do so today.
- Unfortunately the United Firefighters Union have chosen not to raise their concerns directly with the ACT ESA, and we would encourage them to do so.
- Australian health authorities, including ACT Health, report that there is no conclusive proof that PFAS cause any specific illnesses in humans, including cancer.
- There is also no consistent evidence that PFAS causes adverse human health outcomes in pregnant women of their babies.
- There is no perceived benefit in blood screening for PFAS in ACT firefighters as there are no benchmarks to relate the results to.
- The ACT Emergency Services Agency is working with WorkSafe ACT to ensure work health and safety obligations are met.
- The ACT Emergency Services Agency has undertaken a risk assessment to prioritise the testing of remaining sites and further testing will be done at the higher priority locations in the near future.

Jervis Bay and PFAS

- Jervis Bay is a Commonwealth Territory where ACT legislation applies.

- The ACT Government is contracted by the Australian Government to supply certain services to Jervis Bay Territory (JBT), including education, licences, justice services and environmental water testing.
- ACT Health has actively participated in consideration of the effects on health of Jervis Bay residents, in particular, those living in the Wreck Bay Aboriginal community.
- The Department of Defence has undertaken a national program of investigation and response to PFAS contamination from Defence sites.
- One such site is the Jervis Bay Range Facility in the JBT.
- Defence is leading the response to PFAS contamination in JBT, including conducting water testing. The ACT Government is a member of Defence's Project Control Group and provides advice and support where required.
- Defence testing regime is still ongoing in JBT and the Department of Infrastructure, Regional Development and Cities, and the ACT, will be consulted by Defence as results become available.
- A Defence Factsheet as well as a contact for further media enquiries is available on the Defence website).
- At the request of the Department of Infrastructure and Regional Development, the ACT Government undertook tests of both drinking and recreational waters in JBT in 2016 – 17. The results of these tests were:
 - No detectable PFAS has been found in the potable (drinking) water supply.
 - Low levels of PFAS were found in environmental waters, and will be the subject of ongoing monitoring as part of the Defence-led investigation program.
- Noting this, NSW EPA has issued dietary advice warnings in Currumbene Creek area and is engaging with local residents so they are aware of the issue and any changes in their activities which should be made to support health and safety.
- More information is available at www.epa.nsw.gov.au
- The ACT Government remains in contact with NSW Government counterparts and monitoring the situation.

Charnwood (former fire station) site

- Canberrans can be assured that the conditions put in place on the development application attached to this site require appropriate remediation of the site before it can be used for a child care centre.
- The development application for the child care centre on the site of the former Charnwood fire station was approved on the condition that requirements of both the Health Protection Service and the Environment Protection Authority were met.
- Both of these agencies have endorsed the mitigation measures proposed for this site.
- To comply with the conditions set out in the Notice of Decision the proponent has prepared an Operational Environmental Management Plan (OEMP) that has been endorsed by the EPA and ACT Health.
- The proponent has submitted a subsequent DA with the Directorate.

- This DA seeks to include the approved OEMP into the lease to ensure the management of contamination issues is ongoing.
- This DA is still to be lodged for assessment.
- The site was sampled numerous times in 2014 and 2015 for PFAS. Lab results for the sampling concluded the contaminants were below the threshold levels for the proposed land-use of a childcare centre (compared to the US EPA screening criteria as no Australian criteria existed).
- Territory Plan variation process includes mandatory referral of proposals to the Environment Protection Authority (EPA) for their comment, particularly in regards to potential contamination of sites.
- EPA provided advice that they were aware of environmental investigations into the contamination (associated with past activities) of the site.
- In accordance with the ACT Government's Strategic Plan Contaminated Sites Management, 1995 and EPA endorsed guidelines, the variation would be supported provided the findings of the investigation demonstrate the site is suitable for the proposed uses. The assessment report must be reviewed and endorsed by the EPA prior to the Territory Plan being varied.
- Follow up comments from the EPA stated that they agreed that the site was capable of supporting a CFZ land use with potential for a child care from a contamination perspective subject to the condition that a 'site specific unexpected finds protocol' must be developed by a suitably qualified environmental consultant, implemented during development works at the site and is by the EPA prior to occupancy.
- As a result the Variation 335 commenced on 17 February 2016.
- The former fuel storage infrastructure has been removed and validated with the site being found suitable for community use, including childcare.
- Notwithstanding this, both Health Protection and the EPA imposed additional protection measures that need to be satisfied by the builder before the building and surrounding grounds can receive a certificate of occupancy and be used – for example, the installation of permanent physical barriers to limit direct contact with shallow site soils.
- As part of the EPA conditions, the building owners have prepared an Operational Environmental Management Plan (OEMP) which was endorsed by the Environment Protection Authority on 15 March 2018.
- Prior to occupancy of the site the lease must be varied to include the approved OEMP and the EPA receive endorsement from a suitably qualified environmental consultant confirming that the mitigation measures required by the OEMP have been successfully installed, protecting any users of the site from contaminants.

Environment Protection Authority – key points/technical detail on testing (Background information)

How are sites tested for PFAS? (ie. soil samples? Water samples?)

Depending on the characteristics of the site, samples are taken of soil and groundwater. Sampling methodology and procedures should be consistent with the established methods for contaminated site investigation.

Who does the testing?

Accredited contractors collect the soil and groundwater samples. A drill/auger is used to collect the soil and groundwater samples at depth as required.

The samples are then sent to an accredited laboratory to be analysed for the contaminants of concern, including PFAS.

Which sites trigger testing (ie. fuel stations, former emergency services or airport sites etc?)

Sites identified in risk assessments may trigger further testing. Priorities for risk assessments and methods for testing for PFAS are detailed in the National Environment Management Plan (NEMP)

How are the known sites monitored or recorded?

The former Belconnen Fire Station is on the Register of Contaminated Sites as it is subject to a formal environmental audit to enable its redevelopment.

The Register can be found on the Access Canberra website at:

https://www.accesscanberra.act.gov.au/app/services/contaminated_sites#/

Are there any requirements for remediation or ongoing monitoring of known sites?

Levels at the Charnwood site are below criteria for its proposed use as a childcare centre and is subject to the implementation of an Operational Management Plan and a Landscape Plan

There will be further sampling undertaken at Belconnen as part of the audit that is being undertaken for its redevelopment.

Canberra Airport is on Commonwealth land and is therefore under the control of the Commonwealth Government and should be managed in accordance with the PFAS National Environment Management Plan.

When did PFAS testing commence in the ACT?

The past couple of years (2016) as PFAS has only recently emerged as a contaminate of concern.

Action officer: Emily Springett

Cleared by: Various

Date: 15 June 2018

White, Sarah-Jane (Health)

From: Kelly, Paul (Health)
Sent: Monday, 18 June 2018 1:11 PM
To: Pulli, Tracey (Health)
Cc: Pengilley, Andrew (Health)
Subject: FW: Former Charnwood Fire Station [SEC=UNCLASSIFIED, DLM=For-Official-Use-Only]
Attachments: Referral-Health-Development Application - 201731430-22-97-Charnwood-01.pdf; NOTICE OF DECISION-201731430-SIGNED.PDF; Health-Development Application - 201731430-22-97-CHARNWOOD-01-Applicantpdf; Referral-Health-Development Application - 2017314430-22-97-Charnwood-03.pdf

Dr Paul Kelly


ACT Chief Health Officer & Deputy Director-General |

 Population Health | ACT Health Directorate

PH 02 6205 2108 | E paul.kelly@act.gov.au <<mailto:paul.kelly@act.gov.au>>

Paul Kelly - ACT CHO (@PKelly_ACTCHO) on Twitter

<http://www.health.act.gov.au/healthy-living/population-health> <<http://www.health.act.gov.au/healthy-living/population-health>>


From: Barr, Conrad (Health)
Sent: Monday, 18 June 2018 10:57 AM
To: Kelly, Paul (Health) <Paul.Kelly@act.gov.au>; Pengilley, Andrew (Health) <Andrew.Pengilley@act.gov.au>
Cc: McNeill, Laura (Health) <Laura.McNeill@act.gov.au>; ED-HPS-Support <ED-HPS-support@act.gov.au>
Subject: Former Charnwood Fire Station [SEC=UNCLASSIFIED, DLM=For-Official-Use-Only]

Quick Summary

September 2016 Stage 1 Site assessment identified Fire Fighting Foams as potential contaminants on site.

HPS provided initial comments on 2 June seeking additional information on PFOS and PFAS on site.

Additional information as per HPS request was provided to HPS on 3 July 2017.

HPS provided comment again on the DA on 24 July 2017 seeking more information and testing of PFOS and PFAS on site and that updated test results and a map showing the locations must be provided to HPS. HPS also required that the "applicant demonstrate suitable mitigation measures to eliminate the exposure of PFOS to vulnerable populations"

The EPSDD delegate provided approval for the DA on 3 August 2017 subject to a number of conditions. One of those conditions was "the applicant must address all concerns raised by HPS in their letter dated 24 July 2017. The delegated further noted that stamped plans would not be released to applicant until HPS concerns were satisfied.

On 23 October 2017 HPS was provided with a document that addressed the testing and mapping of PFAS on site required by HPS and outlined a number of mitigation measures to prevent exposure of children to PFAS.

HPS replied on 10 November 2017 advising that the additional testing and mapping met HPS requirements and the mitigation measures proposed were acceptable. HPS provided conditional support noting "However, prior to the HPS providing support for the proposed development, it is requested the applicant provide the HPS details of where each proposed mitigation barrier will be implemented across the site.

The HPS also will require an onsite inspection undertaken by HPS officers following the installation of mitigation measures. This will be a condition of HPS support for the development."

Key correspondence is attached. The reports are somewhat larger but I can send them if you require.

Please let me know if you need anything more in relation to this at present.

Regards

Conrad

Conrad Barr AFSM

Executive Director

Health Protection Service | Population Health | ACT Health

25 Mulley Street Holder ACT | Locked Bag 5005 Weston Creek ACT 2611 T 02 6205 4402 | E
Conrad.barr@act.gov.au <mailto:Conrad.barr@act.gov.au> | Website <<http://health.act.gov.au/HPS/>> |
<https://twitter.com/pkelly_actcho>



EPDcustomerservices@act.gov.au

Referral-Health-Development Application – 201731430-22-97-CHARNWOOD-01

Dear Sir/Madam,

Thank you for the documentation received on 3 July 2017 regarding a proposed childcare centre in Charnwood.

The Health Protection Service (HPS) notes that the proposed development will include demolition of an existing building on the site of a former Fire Brigade Depot, construction of a single storey, 1217 square meter childcare centre, and construction of 1157 square meter playground, site works and fencing.

Results obtained through the Land Development Agency indicate perfluorooctane sulphonate (PFOS) contamination in three soil samples tested 2015 at levels of between 1.06mg/kg and 1.92mg/kg.

Young children are particularly at risk for increased exposure to soil contaminants, such as PFOS and PFOA from pica (eating soil), greater hand-to-mouth activity (including crawling) and reduced hygiene (i.e. washing of hands). Assessment of the health risk to children of soil contamination at this site was undertaken using the 'Health Based Guidance Values for PFAS – For Use in Site Investigations in Australia,' recently released by the Australian Government Department of Health. These outline a PFOS tolerance value of 20ng/kg/day.

Preliminary calculations suggest a 10kg child (assuming a two year old) would exceed the PFOS tolerable daily intake by consuming just 100mg of soil from the site. A 2006 study conducted in the United States of America found that children aged between two and six years of age consume an average of 138mg/day of soil, or 193mg/day of soil and dust.

The applicant is advised that additional sampling must be undertaken to provide a more complete and up-to-date assessment of the site, focusing on areas likely to be exposed (including playgrounds and landscaped areas). The results and a map indicating sample sites must be provided to the HPS.

HPS requires that the applicant demonstrate suitable mitigation measures to eliminate the exposure of PFOS to vulnerable populations.

There are no other public health concerns in relation to the proposed development.

Please contact Keith Rogers on (02) 6205 1716 if you require any further information.

Yours sincerely



Conrad Barr
Executive Director
Health Protection Service

24 July 2017



ACT
Government

Environment, Planning and
Sustainable Development

Notice of decision

Under Part 7 of the *Planning and Development Act 2007*

Merit track

DA NO: 201731430 201731430/A – S141 201731430/A – S141		DATE LODGED: 1 May 2017 18 June 2017 22 June 2017
DATE OF DECISION: 3 August 2017		
BLOCK: 22	SECTION: 97	SUBURB: CHARNWOOD
STREET NO AND NAME: 35 Lhotsky Street Charnwood		
APPLICANT: Kasperek Architects		
LESSEE: Childcare Investments Aus Pty Limited		

THE DECISION

This application was lodged in the merit track. Pursuant to section 113(2) of the *Planning and Development Act 2007* (Act), the application must be assessed according to the provisions relevant to merit track applications.

I, Jyoti Pradhan, delegate of the planning and land authority, pursuant to section 162 of the Act, hereby **approve subject to conditions** the proposal for:

- **removal of existing nineteen (19) regulated trees** (as indicated on the Tree Management Plan (Project No 1607, Drawing No. DA17 issue B, dated 1/06/2017) prepared by Kasperek Architects)
- **relocation of existing driveway verge crossing and construction of a new driveway verge crossing;**
- **three on-street car parking spaces along Lhotsky Street;**
- **demolition of existing building and associated structures;**
- **construction of a new single storey child care centre for 120 child care spaces and comprising of:**
 - nursery rooms with attached cot rooms, toddler rooms and pre-school rooms;
 - office/admin area;
 - kitchen; and
 - outdoor play areas;
- **new surface carpark for minimum 44 car parking spaces;**
- **two illuminated Wall Signs and**
- **associated infrastructure, paving, landscaping and other site works,**

in accordance with the plans, drawings and other documents and items submitted with the application for approval and endorsed as forming part of this approval.

This decision is subject to the conditions of approval at **PART 1** being satisfied.

PART 2 sets out the Reasons for the Decision

PART 3 is Public Notification and Entity Advice.

PART 4 contains administrative information relating to the determination.

DELEGATE



Jyoti Pradhan
Delegate of the planning and land authority
Environment Planning and Sustainable Development Directorate
3 August 2017

CONTACT OFFICER

Jyoti Pradhan
Phone: (02) 6207 1649
Email: Jyoti.Pradhan@act.gov.au

PART 1 CONDITIONS OF APPROVAL

This application is approved subject to the following conditions being satisfied. Some conditions of approval will require attention before the approved drawings will be released, others before work commences or before the completion of building work.

A. ADMINISTRATIVE / PROCESS CONDITIONS

A1. APPROVAL NOT TO TAKE EFFECT

This approval shall not take effect and works shall not commence on site until an endorsement from Health Protection Service (ACT Health Directorate) confirming the suitability of the proposed child care centre, is provided to the authority.

B. CONDITIONS FROM ENTITIES

B1. ACT HEALTH DIRECTORATE - HEALTH PROTECTION SERVICES (HPS)

The applicant/lessee **must** address the concerns raised by HPS in their letter dated 24 July 2017 (Refer to **Attachment A**).

Note: Stamped plans will not be released till HPS confirms their support for the proposed development.

B2. CONSERVATOR OF FLORA and FAUNA – TREE PROTECTION AUTHORITY

The development proposal shall comply with the following conditions to the satisfaction of the Conservator as noted in the advice dated 21 July 2017.

- (a) All proposed tree removal and tree protection works must be in accordance with the following plans as submitted:
- Demolition Plan, (Project No 1607, Drawing No. DA16 issue B, dated 1/06/2017, prepared by Kasperek Architects);
 - Site Plan & External Lighting (Project No 1607, Drawing No. DA04 issue C, dated 22/06/2017, prepared by Kasperek Architects.)
 - Tree Management Plan (Project No 1607, Drawing No. DA17 issue C, dated 1/06/2017, prepared by Kasperek Architects.); and
 - Stormwater Management Plan (Job No. 17PEACH1, Drawing No. DA04 issue C, dated 6/06/2017, prepared by Pierre Dragh Consulting Engineers Pty Ltd).

B3. ENVIRONMENT PROTECTION AUTHORITY (EPA)

Applicant must comply with the conditions of approval imposed by the Environment Protection Authority, **prior to works commencing** on site.

Please refer to the conditions of approval at **C1** below.

B4. CUSTODIAN OF THE LAND – TRANSPORT CANBERRA AND CITY SERVICES (TCCS)

Verge Crossing

- (a) The verge crossing must be constructed in accordance with TCCS Design Standards;
- (b) The levels on the verge must not be altered as a result of the new constructed verge crossing;

- (c) Any infrastructure assets such as street lighting, mini-pillars, signage etc must be a minimum of 1.5m away from the closest edge of the driveway. In case of stormwater sumps this minimum distance must be 1.2m;

Pedestrian Network

- (d) The pedestrian footpath must take precedence over the verge crossings so pedestrians have right of way over vehicles;

Verge

- (e) The verge must be protected at all times during construction;
- (f) There must be no encroachments on Unleased Territory Land;
- (g) All excavation within the tree protection zones of the verge trees must be carried out through hand digging, hydro excavation or any other recommended methods to ensure minimal damage to the tree roots;
- (h) Any new services located within tree protection zones (canopy plus 2m) must be installed by using trenchless methodology beneath tree root systems (i.e. under-boring beneath 650mm);
- (i) A Landscape Management and Protection Plan (LMPP) must be submitted to Development Review & Coordination and approved prior to commencement of works;
- (j) A dilapidation report for all government assets adjacent to the site must be submitted to Development Review & Coordination prior to commencement and on completion of works;

Waste

- (k) Waste Truck Dimensions must not exceed 3.4m long and 2.4m in height;

On-Street Parking

- (l) On-street parking spaces must comply with TCCS requirements for on-street parking;
- (m) Any proposed parking signs and line-marking must be as per the Australian Standards, AS 1742.11; and
- (n) Compliance with the above must be demonstrated at the Design Acceptance Stage.

Note: See further advice from TCCS under **Part 3: ENTITY ADVICE** below.

B5. ACT EDUCATION DIRECTORATE – CHILDREN'S EDUCATION AND CARE ASSURANCE (CECA)

The applicant/lessee/service provider must contact CECA for further details and information regarding the proposed child care centre design and operations **prior to final design and works commencing on site.**

C. PRIOR TO CONSTRUCTION AND/OR DEMOLITION

C1. ENVIRONMENT PROTECTION AUTHORITY (EPA)

1. Contaminated Sites:

- (a) a site specific unexpected finds protocol must be developed by a suitably qualified environmental consultant and implemented during development works at the site;

- (b) All soil subject to disposal from site must be assessed in accordance with *Environment Protection Authority Information Sheet 4 - Requirements for the reuse and disposal of contaminated soil in the ACT*; and
- (c) No soil is to be disposed from site without EPA approval.

2. Hazardous Materials:

- (a) A hazardous materials survey prepared by a suitably qualified consultant in accordance with section 8.1 of the *Authority's Hazardous Materials Environment Protection Policy November 2010* must be submitted to and be endorsed by the Environmental Quality Unit prior to works commencing.

The survey must identify all potential hazardous materials associated with the alteration of the structure and any residues or wastes remaining within the structure. The survey must identify all hazardous material including fuel tanks, asbestos, lead, PCB containing materials, Synthetic Mineral Fibre (SMF), Ozone Depleting Substances etc..

- (b) Appropriately ACT licensed contractors must be engaged for the removal, transport and disposal of all hazardous materials found on the site.

3. Environment Protection:

- (a) Construction and development works should be in accordance with "*Environment Protection Guidelines for Construction and Land Development, 2011*".

Construction/development on a site of 0.3 hectares or greater is an activity listed in Schedule 1 of the *Environment Protection Act 1997* as a Class B activity.

Therefore, the contractor/builder proposing to develop the site must hold an Environmental Authorisation or enter into an Environment Protection Agreement with the EPA in respect of that activity **prior to final design and works commencing on site.**

- (b) A site specific unexpected finds protocol must be developed by a suitably qualified environmental consultant and implemented during development works at the site.

C2. SEDIMENT AND EROSION CONTROL

That prior to any work on the site commencing, the applicant/lessee must submit two copies of the Sediment and Erosion Control Plan to Environment Protection Authority for approval

C3. DESIGN REVIEW

A Letter of Design Review is required for all off-site works from the Senior Manager, Development Review and Coordination, TCCS, prior to the construction.

C4. TEMPORARY TRAFFIC MANAGEMENT (TTM)

A TTM plan approval is required from the Manager, Traffic Management & Safety, Roads ACT, TCCS. All times during construction the site and surrounds shall be managed in accordance with a Temporary Traffic Management Plan, prepared by a suitably qualified person and approved by the Manager, Traffic Management & Safety. This plan is to address, as a minimum, measures to be employed during construction to manage all traffic, including construction traffic, in and around the site, provision of safe pedestrian movement around the site, the provision of parking for construction workers, and associated traffic control devices.

C5. LANDSCAPE MANAGEMENT & PROTECTION PLAN (LMPP)

LMPP approval is required from the Senior Manager, Development Review and Coordination, TCCS. During construction, all existing vegetation (trees, shrubs and grass) located on the verge and unleased Territory land immediately adjacent to the development shall be managed, protected and maintained in accordance with the LMPP approved by the Senior Manager, Development Review and Coordination, TCCS. This plan is to be implemented before the commencement of works, including demolition on the site and is to be in accordance with *TCCS Guidelines for the Protection of Public Landscape Assets Adjacent to Development Works-REF-04*.

C6. NOTICE OF COMMENCEMENT OF CONSTRUCTION

Notice of Commencement of Construction shall be submitted to the Senior Manager, Development Review and Coordination, TCCS one week prior to the commencement of works. The Notice shall also include the confirmation of any protective measures installed in accordance with the approved LMPP and programmed implementation of the TTM.

C7. USE OF VERGES OR OTHER UNLEASED TERRITORY LAND

In accordance with the *Public Unleased Land Act 2013*, road verges and other unleased Territory land must not be used for carrying out of works, including storage of materials or waste, without prior approval of the Territory. Such approval can be obtained from Licensing and Compliance, City Services, Parks and Territory Services, TCCS.

C8. REPAIR OF DAMAGE TO PUBLIC ASSETS

The applicant/lessee is held responsible for all damages to ACT Government assets (including footpaths) caused by the development and they must properly repair any damages to those assets. Before work commences, the applicant/lessee must notify TCCS of any existing damage to public facilities.

C9. TREE PROTECTION

Tree protection fencing, if required, shall be erected prior to the commencement of any work on the site.

D. DURING CONSTRUCTION AND/OR DEMOLITION

D1. LANDSCAPE MANAGEMENT AND PROTECTION

During any work undertaken on the site, all existing vegetation (trees, shrubs and grass) located on the verge and unleased Territory land immediately adjacent to the development shall be managed, protected and maintained in accordance with the approved Landscape Management and Protection Plan (LMPP) approved by the Senior Manager, Development Review and Coordination, TCCS.

D2. TREE PROTECTION

The applicant/lessee shall protect and maintain all existing trees and shrubs located on the subject site, on adjoining blocks overhanging the subject site, on the verge and unleased Territory land immediately adjacent, except for those specifically identified for removal in the approved drawings and a Tree Management Plan.

D3. TRAFFIC MANAGEMENT

At all times, the site and surrounds shall be managed in accordance with the approved Temporary Traffic Management (TTM) Plan.

D4. SEDIMENT AND EROSION CONTROL

All unsurfaced entry and exit points must be consolidated with crushed aggregate or similar extending from the road kerb to the building line.

Temporary sediment controls – comprising, as a minimum, geotextile silt fencing along the lowest points of the site and hay bale filters as required – are to be installed and maintained at least daily to prevent sediment from reaching the stormwater mains system.

D5. WASTE MANAGEMENT

All building waste is to be stored on the site in suitable receptacles and collected regularly. The lessee is to take all reasonable steps to ensure that waste, particularly wind borne litter, does not affect adjoining or adjacent properties.

E. **ADVISORY NOTES**

This application is approved with the following advisory notes. It is recommended that careful consideration be given to advisory notes prior to commencing work.

E1. ENVIRONMENT PROTECTION

(a) All rain water that enters the site and pools in excavations during a rain storm event would be considered as a sediment control pond, and must meet the following conditions.

1. No discharge from dam. All stormwater must be pumped out and disposed in at an approved location.
2. No discharge from pond unless sediment level is less than 60mg/litre. If sediment level is greater, then prior to discharge, the dam must be dosed with either Alum or Gypsum and allowed to settle until the sediment is less than 60 mg/litre.

E2. EXTERNAL LIGHTING

All external lights must comply with Australian Standards *AS4282 Control of the obtrusive effects of outdoor lighting*.

E3. ACT HEALTH DIRECTORATE- HEALTH PROTECTION SERVICES (HPS)

Prior to work commencing on site the applicant/lessee must submit a 'Food Business Registration and Fit-Out Assessment' application (with suitably detailed plans) for approval by HPS.

E4. ACT EMERGENCY SERVICES AGENCY (ESA)

Prior to commencing work on site the applicant/lessee must consider and address the advice from ESA in their letter dated 18 May 2017 (Refer to **Attachment B**).

E5. ICON Water

The proposal must comply with the Statement of Conditional Acceptance dated 10 May 2017, by ICON Water (Refer to **Attachment C**).

E6. ACTEWAGL:

- (a) The proposal must comply with the Statement of Conditional Compliance dated 23 May 2017, by Actew – Electricity Networks Division (Refer to **Attachment D**).
- (b) The proposal must comply with the Statement of Conditional Compliance dated 16 May 2017, by Actew AGL - Gas Networks Division (Refer to **Attachment E**).

E7. ENTITY ADVICE

The applicant is advised to carefully consider all the relevant advice (in addition to the conditions imposed) from each of the entities stated in **PART 3 PUBLIC NOTIFICATION AND ENTITY ADVICE** of this Notice of Decision throughout the process of development (prior to, during & post construction) as applicable.

Refer to **Appendix 1** for information about approvals that may be required for construction.

PART 2 REASONS FOR THE DECISION

The application satisfactorily meets the requirements for approval. The application was approved because, based on the documentation and in the form modified by the imposed conditions, it was considered to meet:

- the relevant codes, being
 - the Charnwood Precinct Map and Code;
 - the Community Facility Zone Development Code;
 - the Community and Recreation Facilities Location Guidelines General Code; and
 - the Signs General Code.
- the advice of the Conservator of Flora and Fauna in relation to the proposal.

The key issues identified in the assessment are in relation to,

1. Suitability of Site for a Child Care Centre – HPS requirements:

HPS advised that the EPA endorsement of the site investigation report conducted by AECOME Australia Pty Ltd is supported. However, HPS requested further information from the applicant in relation to the results of the perfluorooctane sulphonate (PFOS) and perfluorooctanoic acid analysis of the soil.

EPA also confirmed that the above additional information, be requested from the applicant.

In response, the applicant advised that the information requested was not made available to them at the time of purchase of the site from the Land Development Agency (LDA). The applicant also confirmed that all works on site would be carried out in accordance with the EPA requirements and relevant Australian Standards.

Further to receiving this response from the applicant, HPS has advised that the results obtained through LDA has provided evidence that PFOS contamination levels on site is considered unacceptable due to its potential health impact on children. HPS has raised concerns in relation to the suitability of the site for the proposed child care centre.

HPS has advised the applicant to provide a complete and up-to-date assessment of the site, focusing on areas likely to be exposed (including playgrounds and landscaped areas). HPS requires that the applicant demonstrates suitable mitigation measures to eliminate the exposure of (PFOS) to vulnerable populations (refer to **Attachment A**).

Condition of approval has been included to provide HPS endorsement confirming the suitability of the proposed child care centre. Refer **PART 1 CONDITIONS OF APPROVAL** for more details.

2. Removal of Existing Regulated Trees and Tree Damaging activity:

The subject development includes removal of nineteen (19) regulated trees. The development also includes tree damaging activity under the canopy of existing regulated trees on site.

The Conservator of Flora and Fauna - Tree Protection Authority did not support the proposed removal of regulated trees. The advice stated that the trees proposed for removal were of low to medium quality. However, the trees did not meet the Tree Protection Criteria for removal pursuant to the Section 82 of the *Tree Protection Act 2005* and therefore need to be considered for removal on development grounds.

To consider the removal of trees on development grounds pursuant to section 119 (2) of the Act, the applicant was advised to provide additional information on any realistic alternatives to the development proposed or aspects of it.

Applicant provided drawings and further information, which was also referred back to the Tree Protection Authority for further review.

On 21 July 2017, the Conservator liaison advised that the proposed removal of the regulated trees identified for removal on the Tree Management Plan (Project No 1607, Drawing No. DA17 issue B, dated 1/06/2017, prepared by Kasperek Architects) was supported pursuant to conditions of approval. Refer **PART 1 CONDITIONS OF APPROVAL** for details.

3. Entity requirements:

- Environment Protection Authority;
- Transport Canberra and City Services (TCCS);
- ACT Education Directorate;
- ICON Water;
- Actew AGL – Electricity Networks Division; and
- Actew AGL – Gas Networks Division.

Conditions have been imposed to address the key issues and ensure that the proposal is consistent with the Territory Plan and the *Planning and Development Act 2007*.

EVIDENCE

Application No. 201731430

File No. 1-2017/07672

The Territory Plan Zone – CFZ Community Facility Zone

The Development Codes – Community Facility Zone Development Code

Community and Recreation Facilities Location Guidelines

General Code

Signs General Code

The Precinct Codes – Charnwood Precinct Map and Code

Current Crown Lease – Volume 2270 Folio 56

Representations – No representations received

Entity advice – ACT Health Directorate – Health Protection Services

Conservator of Flora and Fauna

Tree Protection Authority

Environment Protection Authority

Custodian of the Land - Transport Canberra and City Services

ACT Education Directorate

Emergency Services Agency

ICON Water

ActewAGL

– Electricity Networks Division

– Gas Networks Division

PART 3 PUBLIC NOTIFICATION AND ENTITY ADVICE

PUBLIC NOTIFICATION

Pursuant to Division 7.3.4 of the Act, the application was publicly notified from 8 May 2017 to 26 May 2017. No written representations were received during public notification.

ENTITY ADVICE

Pursuant to Division 7.3.3 of the Act, the application was referred to entities and advice was received. The referral entities' comments are as follows. A response to the advice is provided as appropriate.

ACT HEALTH DIRECTORATE - HEALTH PROTECTION SERVICES (HPS)

1. On 5 June 2017 advice was received from HPS in relation to the proposal. The advice stated that,
 - (a) The applicant is required to submit a 'Food Business Registration and Fit-Out Assessment' application (with suitably detailed plans) for approval, prior to commencement of construction; and
 - (b) Further information is required in relation to the results of the perfluorooctane sulphonate (PFOS) and perfluorooctanoic acid analysis of the soil.
 - In response to item (b), the applicant advised that the above results were not available to them but confirmed that all works will be in accordance with EPA requirements.
2. On 26 July 2017 further advice was received from HPS in relation to the proposal.

The advice states that the applicant must provide a more complete and up-to-date site assessment and to demonstrate suitable mitigation measures to eliminate the exposure of PFOS to vulnerable populations.

Response:

Matters noted have been incorporated as **conditions of approval and advice**.

A copy of the HPS advice is included at **Attachment A**.

CONSERVATOR OF FLORA and FAUNA

On 18 May 2017 advice was received from the Conservator liaison in relation to the proposal. The advice states that,

Dasyurus Macalatus (Spotted tail quolls) are a largely solitary animal that have a large home range and are highly mobile. At some point in the past a quoll was seen in the vicinity and the works proposed would not impact on that species.

Response:

Matters noted have been incorporated as **advice to the applicant**.

CONSERVATOR OF FLORA and FAUNA – TREE PROTECTION AUTHORITY

1. On 22 May 2017 advice was received from the Conservator liaison in relation to the proposed removal of regulated trees on the site.

The advice stated that the trees proposed for removal were of low to medium quality.

However, the trees did not meet the Tree Protection Criteria for removal pursuant to the Section 82 of the *Tree Protection Act 2005* and therefore need to be considered for removal on Development Grounds

- The applicant provided drawings and further information, which was also referred back to the Tree Protection Authority for further review.
2. On 21 July 2017 further advice was received from the Conservator liaison in relation to the proposal. The advice states that the proposal is supported provided all works are in accordance with the following plans as submitted for assessment:
- Demolition Plan, (Project No 1607, Drawing No. DA16 issue B, dated 1/06/2017, prepared by Kasperek Architects);
 - Site Plan & External Lighting (Project No 1607, Drawing No. DA04 issue C, dated 22/06/2017, prepared by Kasperek Architects.)
 - Tree Management Plan (Project No 1607, Drawing No. DA17 issue C, dated 1/06/2017, prepared by Kasperek Architects.); and
 - Stormwater Management Plan (Job No. 17PEACH1, Drawing No. DA04 issue C, dated 6/06/2017, prepared by Pierre Dragh Consulting Engineers Pty Ltd).

Response:

Matters noted have been incorporated as **conditions of approval**.

ENVIRONMENT PROTECTION AUTHORITY (EPA)

1. On 30 May 2017 advice was received from EPA in relation to the proposal. The advice states that the proposal is supported subject to conditions of approval.
2. On 3 July 2017 further advice was received from EPA in relation to the proposal. The advice states that the proposal is supported as per the conditions of approval provided previously.

Conditions:

Contaminated Sites:

- (a) a site specific unexpected finds protocol must be developed by a suitably qualified environmental consultant and implemented during development works at the site;
- (b) All soil subject to disposal from site must be assessed in accordance with *Environment Protection Authority Information Sheet 4 - Requirements for the reuse and disposal of contaminated soil in the ACT*; and
- (c) No soil is to be disposed from site without EPA approval.

Hazardous Materials:

- (d) A hazardous materials survey prepared by a suitably qualified consultant in accordance with section 8.1 of the *Authority's Hazardous Materials Environment Protection Policy November 2010* must be submitted to and be endorsed by the Environmental Quality Unit prior to works commencing.
- (e) The survey must identify all potential hazardous materials associated with the alteration of the structure and any residues or wastes remaining within the structure. The survey must identify all hazardous material including fuel tanks, asbestos, lead, PCB containing materials, Synthetic Mineral Fibre (SMF), Ozone Depleting Substances etc.

- (f) Appropriately ACT licensed contractors must be engaged for the removal, transport and disposal of all hazardous materials found on the site.

Environment Protection:

- (g) Construction and development works should be in accordance with "*Environment Protection Guidelines for Construction and Land Development, 2011*".

Construction/development on a site of 0.3 hectares or greater is an activity listed in Schedule 1 of the *Environment Protection Act 1997* as a Class B activity. Therefore, the contractor/builder proposing to develop the site must hold an Environmental Authorisation or enter into an Environment Protection Agreement with the EPA in respect of that activity **prior to works commencing**.

- (h) A site specific unexpected finds protocol must be developed by a suitably qualified environmental consultant and implemented during development works at the site.

Response:

Matters noted have been incorporated as **conditions of approval** and **advice**.

Note: *Relevant EPA conditions and advice has been included under **PART 1 CONDITIONS OF APPROVAL**.*

CUSTODIAN OF THE LAND – TRANSPORT CANBERRA AND CITY SERVICES (TCCS)

1. On 23 May 2017 and 25 May 2017 advice was received from TCCS in relation to the proposal. The advice states that the proposal is supported subject to conditions of approval.
2. On 24 July 2017 further advice was received from TCCS in relation to the proposal. The advice states that the proposal is supported (as per the conditions of approval provided previously).

Conditions:

Verge Crossing

- (a) The verge crossing must be constructed in accordance with TCCS Design Standards;
- (b) The levels on the verge must not be altered as a result of the new constructed verge crossing;
- (c) Any infrastructure assets such as street lighting, mini-pillars, signage etc must be a minimum of 1.5m away from the closest edge of the driveway. In case of stormwater sumps this minimum distance must be 1.2m;

Pedestrian Network

- (d) The pedestrian footpath must take precedence over the verge crossings so pedestrians have right of way over vehicles;

Verge

- (e) The verge must be protected at all times during construction;
- (f) There must be no encroachments on Unleased Territory Land;
- (g) All excavation within the tree protection zones of the verge trees must be carried out through hand digging, hydro excavation or any other recommended methods to ensure minimal damage to the tree roots;

- (h) Any new services located within tree protection zones (canopy plus 2m) must be installed by using trenchless methodology beneath tree root systems (i.e. under-boring beneath 650mm);
- (i) A Landscape Management and Protection Plan (LMPP) must be submitted to Development Review & Coordination and approved prior to commencement of works;
- (j) A dilapidation report for all Govt. assets adjacent to the site must be submitted to Development Review & Coordination prior to commencement and on completion of works;

Waste

- (k) Waste Truck Dimensions must not exceed 3.4m long and 2.4m in height;

On-Street Parking

- (l) On-street parking spaces must comply with TCCS requirements for on-street parking;
- (m) Any proposed parking signs and line-marking must be as per the Australian Standards, AS 1742.11; and
- (n) Compliance with the above must be demonstrated at the Design Acceptance Stage.

Standard Conditions:

(a) Certificate of Design Review and Operational Acceptance

In accordance with the *Public Unleased Land Act 2013* no work is to be undertaken on road verges and other unleased Territory Land without the approval of the Territory. Such approval must be obtained from the Senior Manager, Development Review and Coordination, TCCS by the ways of:

1. A Letter of Design Review prior to the commencement of any work; and
2. A certificate of Operational Acceptance on completion of all works to be handed over to TCCS.

A Letter of Design Review is required for all off-site works from the Senior Manager, Development Review and Coordination, TCCS, prior to the construction.

In order to obtain the Letter of Design Review, fully detailed drawings (civil, landscape) prepared by suitably qualified persons for all off-site works including roads, driveways, footpaths, street lighting, storm water, landscaping (and any other issues that may be found by audit of the plans) and a design report in accordance with Ref No 06: "Requirements for Design Review Submissions", must be certified by a Chartered Engineer/Landscape Architect and submitted to the Senior Manager, Development Review and Coordination, TCCS.

A Certificate of Operational Acceptance on completion of the works is required from the Senior Manager, Development Review and Coordination, TCCS, prior to the issue of a Certificate of Occupancy.

Similarly a Chartered Engineer/Landscape Architect should certify compliance with TCCS Ref No 08: "Requirements for Works as Executed Quality Records Requirements" when the request for Operational Acceptance is made to the Senior Manager, Development Review and Coordination, TCCS on completion of all off-site works.

A Waste Management Plan in accordance with the Development Control Code for Best Practice Waste Management in the ACT should also be included if not approved at the Development Application stage.

(b) Temporary Traffic Management (TTM)

A TTM plan approval is required from the Manager, Traffic Management & Safety, Roads ACT, TCCS. All times during construction the site and surrounds shall be managed in accordance with a Temporary Traffic Management Plan, prepared by a suitably qualified person and approved by the Manager, Traffic Management & Safety. This plan is to address, as a minimum, measures to be employed during construction to manage all traffic, including construction traffic, in and around the site, provision of safe pedestrian movement around the site, the provision of parking for construction workers, and associated traffic control devices.

(c) Landscape Management & Protection Plan (LMPP)

LMPP approval is required from the Senior Manager, Development Review and Coordination, TCCS. During construction, all existing vegetation (trees, shrubs and grass) located on the verge and unleased Territory land immediately adjacent to the development shall be managed, protected and maintained in accordance with the Landscape Management Protection Plan (LMPP) approved by the Senior Manager, Development Review and Coordination, TCCS. This plan is to be implemented before the commencement of works, including demolition on the site and is to be in accordance with *TCCS Guidelines for the Protection of Public Landscape Assets Adjacent to Development Works-REF-04*.

(d) Use of Verges or other Unleased Territory land

In accordance with the *Public Unleased Land Act 2013*, road verges and other unleased Territory land must not be used for carrying out of works, including storage of materials or waste, without prior approval of the Territory. Such approval can be obtained from Licensing and Compliance, City Services, Parks and Territory Services, TCCS.

(e) Repair of Damage to Public Assets

The applicant/lessee is held responsible for all damages to ACT Government assets (including footpaths) caused by the development and they must properly repair any damages to those assets. Before work commences, they should notify TCCS of any existing damage to public facilities.

(f) Notice of Commencement of Construction

Notice of Commencement for the Works in Unleased Territory Land shall be submitted to the Senior Manager, Development Review and Coordination, TCCS one week prior to the commencement of works. The Notice shall also include the confirmation of any protective measures installed in accordance with the approved LMPP and the programmed implementation of TTM.

Response:

Matters noted have been incorporated as **conditions of approval**.

Note: *Relevant TCCS conditions and advice has been included under **PART 1 CONDITIONS OF APPROVAL**.*

ACT EDUCATION DIRECTORATE – CHILDREN'S EDUCATION AND CARE ASSURANCE (CECA)

1. On 3 May 2017 advice was received from Education Directorate in relation to the proposal requesting further information on feasibility, needs analysis and the selection of an approved provider to operate the proposed child care centre.
 - The applicant provided additional information, which was also referred back to the CECA for further review.

2. On 26 July 2017 further advice was received from CECA supporting the proposal in principle with following condition of approval:
- (a) The applicant/lessee/service provider must contact CECA for further details and information regarding the proposed child care centre design and operations **prior to final design and works commencing on site.**

Response:

Matters noted have been incorporated as **conditions of approval.**

EMERGENCY SERVICES AGENCY (ESA)

On 23 May 2017 advice was received from ESA in relation to the proposal. The advice states that the proposal is supported with advice included in the letter dated 18 May 2017.

Response:

Matters noted have been incorporated as **advice to the applicant.**

A copy of the letter is included at **Attachment B.**

ICON WATER

On 10 May 2017, a Statement of Conditional Acceptance was issued by ICON WATER in relation to the proposal.

Response:

Matters noted have been incorporated as **advice to the applicant.**

A copy of the Statement is included at **Attachment C.**

ACTEWAGL

Electricity Networks Division

On 23 May 2017, a Statement of Conditional Compliance was issued by ActewAGL – Electricity Networks Division in relation to the proposal.

Response:

Matters noted have been incorporated as **advice to the applicant.**

A copy of the Statement is included at **Attachment D.**

Gas Networks Division (Jemena)

On 16 May 2017, a Statement of Conditional Compliance was issued by ActewAGL – Gas Networks Division (Jemena) in relation to the proposal.

Response:

Matters noted have been incorporated as **advice to the applicant.**

A copy of the Statement is included at **Attachment E.**

PART 4 ADMINISTRATIVE INFORMATION

DATE THAT THIS APPROVAL TAKES EFFECT

Unless a condition of approval provides for otherwise this approval is effective from the day after the date of this notice. The effective date for development applications approved subject conditions could also be adjusted if the approval is reconsidered by the planning and land authority or if an application is made to the ACT Civil and Administrative Tribunal.

Pursuant to section 184 of the Act, this approval will expire if:

- the development or any stage of the development is not started within two years after the day the approval takes effect;
- the development is not finished two years after the day the development begins; or
- the development approval relates to land comprised in a lease that requires the development to be completed on a stated date – the date stated in the lease for completion of the development, or the approval is revoked under section 189 of the Act.

Under section 184 of the Act, the applicant may apply to the planning and land authority to extend the prescribed period to finish the development, but such an application must be made within the original period specified for completion.

A development approval, to which section 184 of the Act applies, continues unless the approval ends under sections 184, 185, 186 or 187 of the Act.

INSPECTION OF THE APPLICATION AND DECISION

A copy of the application and the decision can be inspected between 8:30am and 4:30pm weekdays at the Environment, Planning and Sustainable Development Directorate (EPSDD) Dickson Customer Service Centre at 16 Challis Street, Dickson, ACT.

RECONSIDERATION OF THE DECISION

If the applicant is not satisfied with the decision to approve the application subject to conditions, they are entitled to apply to the planning and land authority for reconsideration within 20 working days of being told of this decision or within any longer period allowed by the planning and land authority.

To submit an application for reconsideration, documents must be provided electrically by email to epdcustomerservices@act.gov.au or provided at the customer service centre on a CD/DVD. The delegate of the Authority reconsidering the decision must be different from, and senior to, the original decision maker. An application for reconsideration does not prevent an application for a review of the same decision being made to the ACT Civil and Administrative Tribunal. Application forms and further information about reconsideration are available from the planning and land authority's website and Customer Service Centres.

REVIEW BY THE ACT CIVIL AND ADMINISTRATIVE TRIBUNAL (ACAT)

Decisions that are reviewable by the ACAT are identified in Schedule 1 of the *Planning and Development Act 2007*, except for those precluded under Schedule 3 of the *Planning and Development Regulation 2008* – Matters exempt from third-party ACAT review.

FURTHER APPROVALS FOR CONSTRUCTION

The Notice of Decision grants development approval, but does not cover building approval or approvals which may be required during construction, which commonly include the following.

BUILDING APPROVAL

Most building work requires building approval to ensure it complies with building laws such as the Building Code of Australia. If this applies to this proposal, the lessee should engage a private building certifier to assess and approve the building plans before construction begins. A list of licensed certifiers and information about building approval is available from the planning and land authority's website and Customer Service Centres.

PERMITTED VARIATIONS TO APPROVED DEVELOPMENT

Under section 35 of the *Planning and Development Regulation 2008* the development as built may vary from the approved development in accordance with section 35 and the permitted construction tolerances and other permitted variations identified in Schedule 1A of that regulation.

Note 1 The development may still need building approval, or further building approval, under the *Building Act 2004*

Note 2 The development must also comply with the lease for the land on which it is carried out.

"TREE DAMAGING ACTIVITY" APPROVAL

A Tree Management Plan under the *Tree Protection Act 2005* is required for approval where it is proposed to undertake groundwork within the tree protection zone of a protected tree or likely to cause damage to, or remove, any trees defined as protected trees by that Act. More information is available from the Transport Canberra and City Services (TCCS).

USE OF VERGES OR OTHER UNLEASED TERRITORY LAND

In accordance with the *Public Unleased Land Act of 2013*, road verges and other unleased Territory land must not be used for the carrying out of works, including the storage of materials or waste, without prior approval of the Territory. Approval can be obtained from the Transport Canberra and City Services (TCCS).

WORKS ON UNLEASED TERRITORY LAND – DESIGN AND OPERATIONAL ACCEPTANCE

In accordance with the *Public Unleased Land Act of 2013*, no work can be undertaken on unleased Territory land without the approval of the Territory. Such approval must be obtained from the Manager Asset Acceptance, Asset Services Group, TCCS by way of:

1. a certificate of design acceptance prior to the commencement of any work and
2. a certificate of operational acceptance on completion of all works to be handed over to TCCS.

Works on unleased Territory land may include the construction or upgrading of driveway verge crossings, public footpaths, roads, street lighting, stormwater works, waste collection amenities, street signs and line marking, road furniture and landscaping.

A certificate of compliance under s296 of the *Planning and Development Act 2007* may not be issued unless a certificate of design acceptance **AND** a certificate of operational acceptance has both been obtained from TCCS.

CONSTRUCTION REQUIREMENTS

The following information are some key requirements that apply to building work in the Territory. Other requirements may apply to this development.

DEMOLITION AND ASBESTOS MANAGEMENT

Demolition and asbestos management must be undertaken in accordance with the *Building Act 2004* (including the Building Code of Australia) and the *Dangerous Substances Act 2004*. Information about demolition and asbestos management is available from the planning and land authority's web site and Customer Service Centres.

ENVIRONMENT PROTECTION

All building work must be undertaken in accordance with the *Environment Protection Act 1997*, particularly but not exclusively in relation to noise and pollution control. More information is available from the Environment Protection Authority.

REPAIR OF DAMAGE TO PUBLIC ASSETS

The applicant/lessee is held responsible for all damage to ACT Government assets (including footpaths) caused by the development and they must properly repair any damage to those assets. Before work commences, they should notify the Transport Canberra and City Services (TCCS) of any existing damage to public facilities.

UTILITY ASSETS RETENTION

The lessee should obtain a plant location advice from ActewAGL to avoid conflict with existing plant or electrical easements. The lessee will be responsible for the costs associated with the relocation of assets, if necessary. The lessee is to ensure that the water service and water meter are retained in position and in good condition. ActewAGL water meters are accountable items and must not be removed from the site or otherwise disposed of.

REVIEW OF THE DECISION

The following notes are provided in accordance with regulation 7 of the *ACT Civil and Administrative Tribunal Regulation 2009*. Refer to the Review by the ACT Civil and Administrative Tribunal (ACAT) section of the Notice of Decision for information about its relevance to this development application.

CONTACT DETAILS

The review authority is the ACT Civil and Administrative Tribunal (ACAT).

Location	Contact details
ACT Civil and Administrative Tribunal Level 4, 1 Moore Street CANBERRA CITY ACT 2601	Website: www.acat.act.gov.au Email: tribunal@act.gov.au Telephone: (02) 6207 1740 Facsimile: (02) 6205 4855 Post: GPO Box 370, CANBERRA, ACT, 2601

POWERS OF THE ACAT

The ACAT is an independent body. It can review on their merits a large number of decisions made by ACT Government ministers, officials and statutory authorities. The ACAT can agree with, change or reject the original decision, substitute its own decision or send the matter back to the decision maker for reconsideration in accordance with ACAT recommendations.

APPLICATIONS TO THE ACAT

To apply for a review, obtain an application form from the ACAT. You can also download the form from the ACT Legislation Register <http://www.legislation.act.gov.au/af/2009-278/current/pdf/2009-278.pdf>.

If you are applying on behalf of an organisation or association of persons, whether incorporated or not, the Tribunal in deciding whether to support this application will consider the effect of the decision being reviewed on the interests of the organisation or association in terms of its objects or purposes. A copy of the relevant documents will be required to be lodged with the Tribunal.

TIME LIMITS FOR APPLICATIONS

The time limit to make a request for a review is 28 days from the date of this Notice of decision. The time limit can be extended in some circumstances (refer to sections 10 (2), 10(3), 25(1)(e) and 25(2) of the *ACT Civil & Administrative Tribunal Act 2008*; section 7 of the *ACT Civil and Administrative Tribunal Procedure Rules 2009 (No 2)*; and section 409 of the *Planning and Development Act 2007*).

FEES

Applications to the ACAT, including an application to be joined as a party to a proceeding, require payment of a fee (the Tribunal Registry will advise of the current fee), unless you are receiving legal or financial assistance from the ACT Attorney-General. You can apply to have the fee waived on the grounds of hardship, subject to approval (refer to section 22T of the *ACT Civil and Administrative Tribunal Act 2008*). Decisions to grant assistance are made on the grounds of hardship and that it is reasonable, in all the circumstances, for the assistance to be granted. Write to: The Chief Executive, Justice and Community Safety Directorate, GPO Box 158, CANBERRA ACT 2601. Ask the ACAT for more details.

TIME LIMITS FOR REVIEWS OF DECISIONS

The ACAT is required to decide appeals in land and planning and tree protection cases within 120 days after the lodging of the appeal, unless that period is extended by the ACAT upon it being satisfied that it is in the interests of justice to do so.

FORMS OF LEGAL, FINANCIAL AND OTHER ADVICE AND ASSISTANCE

The following organisations can provide advice and assistance if you are eligible:

- ACT Attorney-General, write to The Chief Executive, Justice and Community Safety Directorate, GPO Box 158, CANBERRA, ACT, 2601;
- the ACT Legal Aid Office, telephone 1300 654314;
- Legal Advice Bureau, telephone (02) 6247 5700;
- ACT Council of the Ageing, telephone (02) 6282 3777;
- Welfare Rights and Legal Centre, telephone (02) 6247 2177; and
- Environmental Defender's Office (ACT), telephone (02) 6247 9420.

AWARDING OF COSTS

You will have to pay any costs involved in preparing or presenting your case. The ACAT also has the power to award costs against a party if the party contravenes a direction of the ACAT and the ACAT considers it in the interests of justice to make such an order. This power is in addition to the power of the ACAT to strike out a party and to dismiss an application for failure to comply with the ACAT's directions.

ACCESS TO DOCUMENTS ABOUT THE DECISION

You may apply for access to any documents you consider relevant to this decision under the ACT Freedom of Information Act 1989. Information about Freedom of information requests is available on the planning and land authority's web site or by contacting us by phone on (02) 6207 1923.

PROCEDURES OF THE ACAT

The procedures of the ACAT are outlined on the ACAT's website, including in the Guide to the Land and Planning Division and the Guide to the Hearing. Contact the ACAT for alternative ways to access information about the ACAT's procedures.

TRANSLATION AND INTERPRETER SERVICES

The ACT Government's translation and interpreter service runs 24 hours a day, every day of the week. Telephone 131 450.

ENGLISH	If you need interpreting help, telephone:
ARABIC	: إذا احتجت لمساعدة في الترجمة الشفوية ، إتصل برقم الهاتف :
CHINESE	如果你需要传译员的帮助，请打电话：
CROATIAN	Ako trebate pomoć tumača telefonirajte:
GREEK	Αν χρειάζεστε διερμηνέα τηλεφωνήστε στο
ITALIAN	Se avete bisogno di un interprete, telefonate al numero:
MALTESE	Jekk għandek bżonn l-għajnuna t'interpretu, óempel:
PERSIAN	: اگر به ترجمه شفاهی احتیاج دارید به این شماره تلفن کنید:
PORTUGUESE	Se você precisar da ajuda de um intérprete, telefone:
SERBIAN	Ако вам је потребна помоћ преводиоца телефонирајте:
SPANISH	Si necesita la asistencia de un intérprete, llame al:
TURKISH	Tercümana ihtiyacımız varsa lütfen telefon ediniz:
VIETNAMESE	Nếu bạn cần một người thông-ngôn-hãy gọi điện-thoại:

TRANSLATING AND INTERPRETING SERVICE

131 450

Canberra and District - 24 hours a day, seven days a week



██████████@arcadis.com

Health-Development Application – 201731430-22-97-CHARNWOOD-01- Applicant Response

Dear Sir,

Thank you for the report titled 'SOIL PFAS INVESTIGATION – 172678, Block 22 Section 97, Charnwood ACT' received by the Health Protection Service (HPS) on 23 October 2017 regarding a proposed childcare centre in Charnwood.

The Health Protection Service (HPS) notes that the report was undertaken following HPS comments in relation to Development Application 20131430-22-97-Charnwood, which included the construction of a single storey, childcare centre and a playground at the site of a former Fire Brigade Depot.

The HPS had concerns regarding the potential exposure of children at the proposed childcare centre to contaminants such as Per-and polyflurinated Alkyl Substances (PFAS) present in spoil at the site. This contamination stemmed from the historic use of the site as a Fire Brigade Depot.

The HPS has reviewed the report and is satisfied additional sampling was undertaken to provide a more complete assessment of the site. The HPS also notes the mitigation measures proposed within the report would provide barriers over soil on the site to prevent exposure to soil and sever the potential exposure pathway to PFAS.

The HPS supports all mitigation measures proposed within the report. However, prior to the HPS providing support for the proposed development, it is requested the applicant provide the HPS details of where each proposed mitigation barrier will be implemented across the site.

The HPS also will require an onsite inspection undertaken by HPS officers following the installation of mitigation measures. This will be a condition of HPS support for the development.

Please contact Andrew Stedman on (02) 6205 4404 if you require any further information.

Yours sincerely

A handwritten signature in black ink, appearing to read 'Conrad Barr'.

Conrad Barr
Executive Director
Health Protection Service

10 November 2017



EPDcustomerservices@act.gov.au

Referral-Health-Development Application – 201731430-22-97-CHARWOOD-03

Dear Sir/Madam,

Thank you for the documentation received on 12 May 2017 regarding a proposed childcare centre in Charnwood.

The Health Protection Service (HPS) notes that the proposed development will include:

- a. demolition of an existing building
- b. construction of a single storey, 1217 square meter childcare centre
- c. construction of 1157 square meter playground, site works and fencing.

The development proposes construction of a kitchen. The applicant is required to submit a food business registration and fit-out assessment application (with suitably detailed plans) to the HPS for the food business prior to construction. The applicant is advised to contact the HPS for further information.

The HPS supports the Environment Protection Authority's (EPA) endorsement of the report conducted by AECOM Australia Pty Ltd, but seeks further information regarding the results of the perfluorooctane sulphonate and perfluorooctanoic acid analysis of soil.

HPS also supports the EPA's recommendation that a site specific unexpected finds protocol be developed by a suitably qualified environmental consultant and implemented during development works at the site.

There are no other public health concerns in relation to the proposed development.

Please contact Faith Bvirakare on (02) 62059616 if you require any further information.

Yours sincerely

A handwritten signature in black ink, appearing to read 'Conrad Barr', written in a cursive style.

Conrad Barr
Executive Director
Health Protection Service

2 June 2017

White, Sarah-Jane (Health)

From: Isentia Daily Briefings <DailyBriefings@isentia.com>
Sent: Monday, 18 June 2018 8:21 PM
To: #CMCDCCNMediaMonitoring
Subject: ACT Government Daily Media Report 18 June 2018 - 8pm update
Attachments: ACT Government Daily Media Report 18 June 2018 - 8pm update.docx

DAILY MEDIA REPORT



Monday, 18th June 2018 – 8pm update

[Canberra Community](#) | [Economic Growth & Diversification](#) | [Education](#) | [Environment](#)
[Emergency Services](#) | [Health](#) | [Industrial Relations](#) | [Land, Planning and Urban Renewal](#) | [Law and Order](#)
[Ministers and Opposition MLAs](#) | [Supporting Families](#) | [Tourism](#) | [Transport and Roads](#)

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A summary of ACT Government media coverage

Emergency Services

- > **ABC News Canberra** reports that authorities are treating a blaze that tore through a scrapyard in Beard near Queanbeyan as suspicious.

Law and Order

- > The **Canberra Times** online reports that background checks for adults working with children in the ACT will be strengthened as part of the territory's response to the Royal Commission into institutional child sex abuse. [Also prospected to Themes: *Education* and *Supporting Families*.]

Transport and Roads

- > **WIN Canberra** reports that ACT Minister for Transport and City Services Meegan Fitzharris says the revamped public transport network is a simpler, faster, and more reliable seven-day-a-week network. [Also prospected to Themes: *Education, Land, Planning & Urban Renewal* and *Ministers & Opposition MLAs*.]

Canberra Community

No further coverage.

[\[Back to top\]](#)

Economic Growth & Diversification

No further coverage.

[\[Back to top\]](#)

Education

Two Canberrans have earned spots on Team Australia ahead of the UNESCO International Science Olympiads

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DAILY MEDIA REPORT



Monday, 18th June 2018 – 8pm update

Canberra Community | Economic Growth & Diversification | Education | Environment
Emergency Services | Health | Industrial Relations | Land, Planning and Urban Renewal | Law and Order
Ministers and Opposition MLAs | Supporting Families | Tourism | Transport and Roads

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A summary of ACT Government media coverage

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White, Sarah-Jane (Health)

From: Sargent, Narelle
Sent: Tuesday, 19 June 2018 8:41 AM
To: Barr, Conrad (Health); Kelly, Paul (Health)
Subject: REVISED: Ministerial Brief - PFAS contamination issues in the ACT
Attachments: Gordon Ramsay MLA - PFAS contamination in the ACT 19062018.docx

Hi Conrad and Paul

From the talking points developed on Friday, I have progressed a revised draft Brief for Minister Ramsay on PFAS contamination issues in the ACT.

One question is in regards to the advice at:

4. PFAS are very stable compounds and do not break down in the environment, that is, they persist in the environment and in human bodies for a long time and then

5. Australian health authorities, including ACT Health, report that there is no conclusive proof that PFAS causes any specific illnesses in humans, including cancer. There is also no consistent evidence that PFAS causes adverse human health outcomes in pregnant women of their babies.

The Minister questioned the statement about persist in the human body and no conclusive proof – can we explain why this is the case ie lack of research etc...

Additional comments and suggestions are very much appreciated.

Warm regards

Narelle

Narelle Sargent | Deputy Director Environment Protection (Environment Protection Authority)
Phone: 02 6207 5782 | Mobile [REDACTED] | Email: narelle.sargent@act.gov.au <mailto:narelle.sargent@act.gov.au>

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

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

<<https://www.accesscanberra.act.gov.au/#/>>



MINISTERIAL BRIEF

Chief Minister, Treasury and Economic
Development Directorate

UNCLASSIFIED

To: Minister for Regulatory Services Tracking No.: Click here to enter text.

Date: 19 June 2018

CC: Minister for Planning and Land Management

From: Alison Purvis, Chief Operating Officer

Subject: PFAS contamination issues in the ACT

Critical Date: 22 June 2018

Critical Reason: Must be considered prior to Estimates

Purpose

To provide an update on PFAS contamination issues in the ACT.

Recommendations

That you:

1. Note the information contained in this brief.

Noted / Please Discuss

MLA /...../.....

Minister's Office Feedback

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Background**PFAS - Nationally**

1. The compounds known as perfluorooctanesulfonic acid (PFOS) and perfluorooctanesulfonate (PFOA) were used to make aqueous film forming foam (AFFF), a component of fire-fighting foams. Collectively these compounds are referred to as per- and polyfluoroalkyl substances (PFAS).
2. PFAS are part of a diverse group of man-made chemicals also found in a range of common household products including non-stick cookware, fabric, furniture and food packaging. They are resistant to heat, water, and oil.
3. For decades, PFAS were used in AFFF as well as a range of industrial/manufacturing processes.
4. PFAS are very stable compounds and do not break down in the environment, that is, they persist in the environment and in human bodies for a long time.
5. Australian health authorities, including ACT Health, report that there is no conclusive proof that PFAS causes any specific illnesses in humans, including cancer. There is also no consistent evidence that PFAS causes adverse human health outcomes in pregnant women of their babies.
6. Despite the current lack of certainty regarding the adverse effects of PFAS on organisms, the persistent nature of PFAS means a precautionary approach for managing PFAS has been adopted.
7. Governments in Australia work to a framework for PFAS management in accordance with the *Intergovernmental Agreement on a National Framework for Responding to PFAS Contamination* (February 2018) and the PFAS National Environment Management Plan (NEMP), adopted by all jurisdictions in March 2018.
8. The ACT is a participant on the Heads of Environment Protection Authorities Australia and New Zealand (HEPA) National Chemicals Working Group, which developed the PFAS National Environment Management Plan (NEMP).
9. The NEMP defines the level of PFAS in soil and water that is considered contamination. The NEMP also details methods for site assessments, sampling protocols and analytical determinations.
10. Issues with PFAS that have been widely reported in other jurisdictions have involved direct contamination of drinking water and/or food supplies.
11. Such issues are improbable in the ACT because of the remote catchments used for town water supply and the insignificant volume of food production in the ACT.

PFAS – Jervis Bay Territory

12. The ACT Government is contracted by the Commonwealth Government to supply certain services to Jervis Bay Territory (JBT), including education, licences, justice services and environmental water testing.
13. Chief Minister Treasury and Economic Development Directorate (CMTEDD) is briefing the Chief Minister on issues with PFAS in JBT. ACT Health is currently working with NSW EPA to develop community health advice relating to the consumption of marine life in JBT as a result of Defence's ongoing PFAS investigation. A copy of this briefing will be provided to you when complete.
14. The ACT Government is unable to progress assessment or remediation at

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Commonwealth sites because the Commonwealth is not bound by ACT legislation.

PFAS in the ACT

15. AFFF containing PFAS are no longer used in the ACT by ACT firefighting agencies. The phasing out of AFFF concentrate by ACT Fire & Rescue commenced in September 2004. It was completely withdrawn from service in April 2005 and replaced with fluorine-free foam concentrate.
16. ACT Fire & Rescue still carry nine (9) litre AFFF fire extinguishers on fire fighting vehicles, which are currently being replaced with fluorine-free alternatives.

Issues

The ACT and PFAS

17. There are three known PFAS affected sites in the ACT: Canberra Airport which is located on Commonwealth land and the former Charnwood and Belconnen Fire Station sites, located on Territory land.
18. AFFF was specifically used to suppress flammable liquid fires and was also used in training exercises. There are a number of other facilities in the ACT that are likely to have stored or used AFFF and thus have the potential for PFAS contamination.
19. In addition, landfills and waste water/sewerage treatment plants are potential sources of PFAS contamination from household, commercial and industrial wastes and discharges.
20. Potential PFAS contaminated sites in the ACT are listed in Table 1 below.

Table 1: Potential PFAS contaminated sites in the ACT

Facility	Location	PFAS Contamination
Commonwealth		
HMAS Harman	Woods Lane, Jerrabomberra, ACT	Potential
Duntroon Royal Military College	Staff Cadet Avenue, Campbell, ACT	Potential
Canberra Airport	Pialligo Avenue, ACT	Confirmed
Majura Firing range	Malcolm Vale Road, Pialligo, ACT	Potential
Australian Federal Police Majura	1 Tambreet St, Majura, ACT	Potential
Canberra Deep Space Discovery Centre	Discovery Drive, Paddys River, ACT	Potential
ACT Government		
Charnwood fire station (former)	35 Lhotsky St, Charnwood, ACT	Confirmed
Belconnen fire station (former)	41 Rae St, Belconnen, ACT	Confirmed
Greenway fire station (former)	201 Scollay St, Greenway ACT	Potential
Fyshwick fire station	1 Dalby St, Fyshwick ACT	Potential
Gungahlin fire station	Anthony Rolfe Ave, Gungahlin ACT	Potential
Ainslie fire station	36 Wakefield Ave, Ainslie, ACT	Potential
Phillip fire station	Hindmarsh Dr & Botany St, Phillip ACT	Potential
Kambah fire station	500 Sulwood Dr, Kambah ACT	Potential
Mugga Lane Resource Recovery Facility	499 Mugga Lane, Jerrabomberra, ACT	Potential
West Belconnen Resource Management Centre	181 Parkwood Rd, MacGregor, ACT	Potential
Rail Depot Kingston	Cunningham Street, Kingston, ACT	Potential

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ACT Fire and Rescue/ACT Emergency Services Agency (ESA)/ACT Health/Worksafe ACT

21. The ACT ESA have been working hard to ensure equipment is replaced and changed over.
22. There is no perceived benefit in blood screening for PFAS in ACT firefighters as there are no benchmarks to relate the results to.
23. The ACT ESA is working with WorkSafe ACT to ensure work health and safety obligations are met.
24. The ACT ESA has undertaken a risk assessment to prioritise the testing of remaining sites and further testing will be done at the higher priority locations in the near future (need advice on how the sites are to be prioritised and an anticipated date for *near future*)
25. ESA is seeking budget funding to undertake assessments of its sites (refer to Table 1) to determine if contamination has occurred.
26. ESA is responsible for its sites and under the polluter pays principle in the *Environment Protection Act 1997*, has responsibility for remediation of contamination at the Belconnen site.

EPA

27. The EPA is changing landfill and sewage treatment plant licenses to incorporate sampling for PFAS's in the standard monitoring programs to determine if discharges or inflows of PFAS are occurring at the facilities.
28. The EPA and the Environment, Planning and Sustainable Development Directorate have developed a sampling program to characterise potential PFAS sources and movements in the ACT and ensure the ACT meets the requirements of the NEMP. The sampling plan includes existing water monitoring sites and landfill, fuel storage and sewage treatment plant sites This detailed sampling program is expected to begin by November 2018.
29. The former Charnwood Fire Station has been redeveloped as a childcare center. The infrastructure was removed and validated with the site being found suitable for community use including childcare. The building owners have prepared an Operational Environmental Management Plan (OEMP) which was endorsed by the EPA on 15 March 2018. Prior to occupancy of the site, the lease must be varied to include the approved OEMP and the EPA receive endorsement from a suitably qualified environmental consultant confirming that the mitigation measures required by the OEMP have been successfully installed.
26. The former Belconnen Fire Station and Greenway Fire Station sites are Government sites which are currently not in use and waiting potential redevelopment. Further assessment, in accordance with the EPA Contaminated Sites Environment Protection Policy 2017, will determine the level of management or remediation required before redevelopment occurs. There is groundwater extraction near the Belconnen site which used for car washing. This water is not used for drinking supply or agricultural production. Thus the exposure pathways to humans from potential PFAS contamination of groundwater at this site is a negligible risk.

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Financial Implications

- 30. ESA to provide information

Consultation

Cross Directorate

- 31. Dominic Lane ESA, Mark Brown ACT Fire and Rescue, Conrad Barr ACT Health, Dr Paul Kelly ACT Health, Greg Jones, Worksafe, David Clapham CMTEDD and Daniel Walters, Environment, Planning and Sustainable Development Directorate have been consulted in the preparation of this brief.

External

- 32. Nil

Benefits/Sensitivities

- 33. The United Firefighters Union have recently raised concerns around potential health impacts for firefighters who may have come into contact with PFAS. Nil

Formatted: Font: 12 pt
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Media Implications

- 34. The Access Canberra Communications and Media Team have developed speaking points for this matter which has high media interest.

Signatory Name: Alison Purvis
Action Officer: Narelle Sargent

Phone: 55275
Phone: 75782

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Tracking No.: [Click here to enter text.](#) Tracking No.:

Moroney, Rebecca (Health)

From: Barr, Conrad (Health)
Sent: Tuesday, 19 June 2018 11:57 AM
To: Hudson, Lyndell (Health)
Subject: RE: Request for advice rg. Charnwood (ex fire station) [SEC=UNCLASSIFIED]

Hi Lyndell

There should be no issue providing to another area of Government, but I would have thought they should go to EPSDD in the first instance.

Cheers
 Conrad



Conrad Barr | Executive Director
 Health Protection Service | health.act.gov.au
 Phone (02) 6205 4402

From: Hudson, Lyndell (Health)
Sent: Tuesday, 19 June 2018 11:48 AM
To: Barr, Conrad (Health) <Conrad.Barr@act.gov.au>
Subject: FW: Request for advice rg. Charnwood (ex fire station) [SEC=UNCLASSIFIED]

Hi Conrad

Do you think we can/should provide a copy of our comments?

It seems strange this would not be provided and question why it is missing.

We also seem to be getting a few requests regarding Charnwood fire station and multiply areas wanting information.

Why would they not go back through EPSD for all documents?



Lyndell Hudson | Senior Manager Environment and Radiation Safety
 Health Protection Service | health.act.gov.au
 Phone (02) 6205 0956 | Mobile [REDACTED]

From: Partridge, Leah
Sent: Friday, 15 June 2018 10:58 AM
To: Hudson, Lyndell (Health) <Lyndell.Hudson@act.gov.au>
Subject: Request for advice rg. Charnwood (ex fire station) [SEC=UNCLASSIFIED]

Good morning Lyndell,

I have recently been looking into the development of Block 22/Section 97 in Charnwood (ex fire station) which was previously reviewed to by Susan Sullivan.

In reviewing the Notice of Decision – Merit Track, I note that a copy of the HPS advice was included at Attachment A. We currently don't have a copy of this advice and wonder if it would be possible to have it sent to me for review.

I appreciate your assistance in this matter.

Kind regards,

Leah Partridge | A/g Manager | Quality Assurance and Audit

Phone: 6207 8083 | Fax: 6207 1128 | Email: Leah.Partridge@act.gov.au

Children's Education and Care Assurance | Early Childhood Policy and Regulation
Education | ACT Government

Level 3, HBCTL, Fremantle Drive, STIRLING ACT 2611 | GPO Box 158 Canberra ACT 2601

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I acknowledge the traditional custodians of the ACT and their continuing connection to land and community. I pay my respect to them and their culture, and to the elders both past and present.



Hudson, Lyndell (Health)

From: Hudson, Lyndell (Health)
Sent: Tuesday, 19 June 2018 5:00 PM
To: Partridge, Leah
Subject: RE: Request for advice rg. Charnwood (ex fire station) [SEC=UNCLASSIFIED]
Attachments: 1 Referral-Health-Development Application - 201731430-22-97-Charnwood-01.pdf; Health-Development Application - 201731430-22-97-CHARNWOOD-01-Applicantpdf

Hi Leah

The Notice of Decision refers to Attachment A as a letter dated the 24 July 2017. I have attached this letter however that was an original letter that requested additional testing.

Following the letter dated 24 July 2017 a report was provided by ARCADIS with mitigation strategies on reducing exposure pathways to the contamination. From this report we provided the attached letter dated 10 November 2017.

As discussed I do not work Wednesdays but will be able to assist on Thursday if you have any additional questions.

Regards,



Lyndell Hudson | Senior Manager Environment and Radiation Safety
 Health Protection Service | health.act.gov.au
 Phone (02) 6205 0956 | Mobile [REDACTED]

From: Partridge, Leah
Sent: Tuesday, 19 June 2018 3:45 PM
To: Hudson, Lyndell (Health) <Lyndell.Hudson@act.gov.au>
Subject: RE: Request for advice rg. Charnwood (ex fire station) [SEC=UNCLASSIFIED]

Hi Lyndell,

I understand that my manager Susan Sullivan has previously been involved in this discussion, however is away on leave.

I have reviewed the information available in our area, however can't not locate the HPA attachment. I will need to report to my director on the advice that you have provided to assurance him (and our Minister) that we will be confident to approve this development as an education and care facility.

Appreciate any assistance you are able to provide.

Kind regards,

Leah Partridge | A/g Manager | Quality Assurance and Audit
 Phone: 6207 8083 | Fax: 6207 1128 | Email: Leah.Partridge@act.gov.au
 Children's Education and Care Assurance | Early Childhood Policy and Regulation
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From: Hudson, Lyndell (Health)
Sent: Tuesday, 19 June 2018 3:37 PM
To: Partridge, Leah <Leah.Partridge@act.gov.au>
Subject: RE: Request for advice rg. Charnwood (ex fire station) [SEC=UNCLASSIFIED]

Hello Leah

Is there a reason that the HPS advice is not available and why EPSD have not provided it to you?

Regards,



Lyndell Hudson | Senior Manager Environment and Radiation Safety
Health Protection Service | health.act.gov.au
Phone (02) 6205 0956 | Mobile [REDACTED]

From: Partridge, Leah
Sent: Friday, 15 June 2018 10:58 AM
To: Hudson, Lyndell (Health) <Lyndell.Hudson@act.gov.au>
Subject: Request for advice rg. Charnwood (ex fire station) [SEC=UNCLASSIFIED]

Good morning Lyndell,

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In reviewing the Notice of Decision – Merit Track, I note that a copy of the HPS advice was included at Attachment A. We currently don't have a copy of this advice and wonder if it would be possible to have it sent to me for review.

I appreciate your assistance in this matter.

Kind regards,

Leah Partridge | A/g Manager | Quality Assurance and Audit
Phone: 6207 8083 | Fax: 6207 1128 | Email: Leah.Partridge@act.gov.au
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I acknowledge the traditional custodians of the ACT and their continuing connection to land and community. I pay my respect to them and their culture, and to the elders both past and present.





EPDcustomerservices@act.gov.au

Referral-Health-Development Application – 201731430-22-97-CHARNWOOD-01

Dear Sir/Madam,

Thank you for the documentation received on 3 July 2017 regarding a proposed childcare centre in Charnwood.

The Health Protection Service (HPS) notes that the proposed development will include demolition of an existing building on the site of a former Fire Brigade Depot, construction of a single storey, 1217 square meter childcare centre, and construction of 1157 square meter playground, site works and fencing.

Results obtained through the Land Development Agency indicate perfluorooctane sulphonate (PFOS) contamination in three soil samples tested 2015 at levels of between 1.06mg/kg and 1.92mg/kg.

Young children are particularly at risk for increased exposure to soil contaminants, such as PFOS and PFOA from pica (eating soil), greater hand-to-mouth activity (including crawling) and reduced hygiene (i.e. washing of hands). Assessment of the health risk to children of soil contamination at this site was undertaken using the 'Health Based Guidance Values for PFAS – For Use in Site Investigations in Australia,' recently released by the Australian Government Department of Health. These outline a PFOS tolerance value of 20ng/kg/day.

Preliminary calculations suggest a 10kg child (assuming a two year old) would exceed the PFOS tolerable daily intake by consuming just 100mg of soil from the site. A 2006 study conducted in the United States of America found that children aged between two and six years of age consume an average of 138mg/day of soil, or 193mg/day of soil and dust.

The applicant is advised that additional sampling must be undertaken to provide a more complete and up-to-date assessment of the site, focusing on areas likely to be exposed (including playgrounds and landscaped areas). The results and a map indicating sample sites must be provided to the HPS.

HPS requires that the applicant demonstrate suitable mitigation measures to eliminate the exposure of PFOS to vulnerable populations.

There are no other public health concerns in relation to the proposed development.

Please contact Keith Rogers on (02) 6205 1716 if you require any further information.

Yours sincerely

A handwritten signature in black ink, appearing to read 'Conrad Barr', written in a cursive style.

Conrad Barr
Executive Director
Health Protection Service

24 July 2017



██████████@arcadis.com

Health-Development Application – 201731430-22-97-CHARNWOOD-01- Applicant Response

Dear Sir,

Thank you for the report titled 'SOIL PFAS INVESTIGATION – 172678, Block 22 Section 97, Charnwood ACT' received by the Health Protection Service (HPS) on 23 October 2017 regarding a proposed childcare centre in Charnwood.

The Health Protection Service (HPS) notes that the report was undertaken following HPS comments in relation to Development Application 20131430-22-97-Charnwood, which included the construction of a single storey, childcare centre and a playground at the site of a former Fire Brigade Depot.

The HPS had concerns regarding the potential exposure of children at the proposed childcare centre to contaminants such as Per-and polyflurinated Alkyl Substances (PFAS) present in spoil at the site. This contamination stemmed from the historic use of the site as a Fire Brigade Depot.

The HPS has reviewed the report and is satisfied additional sampling was undertaken to provide a more complete assessment of the site. The HPS also notes the mitigation measures proposed within the report would provide barriers over soil on the site to prevent exposure to soil and sever the potential exposure pathway to PFAS.

The HPS supports all mitigation measures proposed within the report. However, prior to the HPS providing support for the proposed development, it is requested the applicant provide the HPS details of where each proposed mitigation barrier will be implemented across the site.

The HPS also will require an onsite inspection undertaken by HPS officers following the installation of mitigation measures. This will be a condition of HPS support for the development.

Please contact Andrew Stedman on (02) 6205 4404 if you require any further information.

Yours sincerely

A handwritten signature in black ink, appearing to read 'Conrad Barr'.

Conrad Barr
Executive Director
Health Protection Service

10 November 2017

White, Sarah-Jane (Health)

From: Jacobsen, Angela on behalf of CMTEDD Comms Network
Sent: Tuesday, 19 June 2018 5:39 PM
Subject: Daily issues report - Tuesday 19 June 2018 [SEC=UNCLASSIFIED, DLM=For-Official-Use-Only]



19 June 2018

COMMUNICATIONS DAILY ISSUES REPORT

Tomorrow's activity:

WHAT	WHEN	WHERE	MINISTER/SPOKESPERSON
Community Services Directorate			
Talking Practice – CYPS, ACT Together and Uniting	9am Wednesday 20 June	ANU	Minister Stephen-Smith

ACT Health

Issue: Letter faxed to GPs last week regarding the referral of patients to the Canberra Hospital emergency department.

Action: Interview arranged with A/g Chief of Clinical Operations Mark Dykgraaf and *ABC Radio Canberra*. Follow-up press conference conducted and attended by *ABC News* (Elise Scott), *Nine News* (Aggie Bradshaw) and *WIN News* (camera only).

Reactive**Talking points:**

- ACT Health works closely with local GPs to ensure that individuals and families are aware of all the available health care options for non-urgent medical issues.
- On this basis, sending a memo to GPs is just one of a number of routine operational measures that the CHHS may take during a period of high demand.
- As we move into the winter season, CHHS will experience an increase in the volume and acuity of patients.
- There are a range of health service options available for people with non-life or limb threatening injuries / illnesses. We would encourage people to use these alternatives where appropriate.

Transport Canberra and City Services

Issue: *The Canberra Times* (Andrew Brown) via Minister's office asked questions concerning a dog that was euthanised at Domestic Animal Services.

Action: Response provided to Minister's office on Saturday 16 June 2018.

Reactive

Talking points:

- At about 5:00pm on Sunday 10 June 2018, the dog, a sixteen and a half year old (16 1/2) Maltese Terrier was dropped into Domestic Animal Services (DAS) by a member of the community after it was found roaming unaccompanied in Kambah.
- The dog appeared to be in poor health, its coat was highly matted and it was found to be deaf and blind, with both eyes ruptured and needing significant treatment.
- Both DAS and the treating veterinary practice attempted to contact the owner via the details found on the microchip, however the recorded details were not current and after a number of attempts contact was unsuccessful. After further liaison between DAS and the treating veterinary surgeon the dog was euthanised. DAS are currently investigating the matter further including making contact with the owner, and as such further comment cannot be made at this time.

Issue: Enquiry from *The Canberra Times* (Katie Burgess) regarding ACT Government payments to Canberra Metro for Light Rail

Action: Response provided to Minister's Office

Reactive

Talking points:

- Once light rail services have commenced the Territory will make regular monthly availability payments to Canberra Metro.
- The \$47 million figure is the estimated availability payments as set out in the contract summary for the first 12 months of operations, falling across financial years 2018-19 and 2019-20.
- Generally, if Canberra Metro fails to meet the commencement date for a reason that isn't the fault of the ACT Government, the availability payment is proportionately reduced (eg if they are simply a month behind, then they forego a month's worth of availability payments).

Environment, Planning and Sustainable Development

Issue: *The Canberra Times* (Han Nguyen) asked about the settlement of section 100 in the city (formally section 63) and what could be built on the site

Action: Information sent to the journalist

Reactive

Talking points:

- The Planning and Land Authority can confirm the ACT Governments has consented to the transfer of City section 100 to the Morris Property Group. The Authority has not received any formal or informal advice of settlement.
- The permitted land uses for the development of Section 100 are referred to in the City Hill Precinct Code of the National Capital Plan.
- The holding leases over Section 100 have no restriction on the limit of residential development and provides limits to the amount of retail GFA for any proposed development.
- Any development proposed for Section 100 will require a Works Approval from the National Capital Authority as it is in a designated area in the Territory Plan

Issue: Minister Gentleman announced the beginning of community engagement on the Planning Strategy Refresh

Action: Media release issued

Proactive

Talking points:

- The ACT Planning Strategy Refresh is an opportunity for the community and industry to learn more and have their say about how the planning framework works for the future of Canberra.
- Minister for Planning and Land Management Mick Gentleman today launched the Planning Strategy Refresh to open a conversation with the community about how planning will work for our city over the coming years.

Issue: *Nine News* (Aggie Bradshaw) asked for brief information on Charnwood site following today's Fairfax article

Reactive

Action: Approved TPs sent to journalist

Talking points:

- Canberrans can be assured that the conditions put in place on the development application attached to this site require appropriate remediation of the site before it can be used for a child care centre.
- The development application for the child care centre on the site of the former Charnwood fire station was approved on the condition that requirements of both the Health Protection Service and the Environment Protection Authority were met.
- Both of these agencies have endorsed the mitigation measures proposed for this site. To comply with the conditions set out in the Notice of Decision the proponent has prepared an Operational Environmental Management Plan (OEMP) that has been endorsed by the EPA and ACT Health.

Issue: *The Canberra Times* (Daniel Burdon) asked about the ACT Planning Strategy Refresh

Action: Response being cleared with Min's office

Proactive, result of media release issued

Talking points:

- Funding of \$250,000 was allocated in the 2017-18 budget as part of the '*Better services in your community - Planning for Canberra's future transport needs*' budget item. The ACT Planning Strategy Refresh includes \$60-80K on communication activities and the remainder for technical consultancies.
- The aim of the Refresh is to update the existing strategy that carries forward major policies established in 2012, but take into account changes that have occurred in the ACT, including government commitments to a carbon neutral future, the light rail network and urban renewal.
- The timeframe for the completion of the strategy is by the end of this year, 2018. Engagement on the strategy has commenced today and there will be a series of activities in the next 6-8 weeks.

Chief Minister, Treasury and Economic Development

No media issues.

ACT Emergency Services Agency

No media issues reported.

Justice and Community Safety

No media issues reported.

Education Directorate

No media issues.

Community Services Directorate

No media issues.



Stefanovic, Vojkan (Health)

From: Stefanovic, Vojkan (Health)
Sent: Wednesday, 20 June 2018 3:49 PM
To: ED-HPS-Support
Subject: 37 - PFAS (002) [SEC=UNCLASSIFIED, DLM=For-Official-Use-Only]
Attachments: 37 - PFAS (002).docx

Updated. Cheers ☺

Add reference number

Portfolio/s: Health & Wellbeing**ISSUE: Poly-fluoroalkyl substances (PFAS)****Talking points:**

- PFAS contamination has been identified in Jervis Bay Territory.
- The Environment, Planning and Sustainable Development Directorate (EPSDD) has advised ACT Health that fire retardants containing Poly-fluoroalkyl substances (PFAS) are no longer used in the ACT. EPSDD has also advised that contamination from historical use has been identified in soil and groundwater at Canberra Airport.
- PFAS contamination has also been identified at the former Charnwood and Belconnen fire stations.
- Evidence for the scale of risk, if any, posed by PFAS to human health is not conclusive. Jurisdictions have taken a precautionary approach and the public health risk in the ACT is likely to be low.
- No off-site impacts have been reported by Canberra Airport and groundwater in the area is not used for drinking or agricultural purposes. Access Canberra's Environment Protection Authority (EPA) advised that water sampling of ACT lakes and streams has shown no detectable impacts from PFAS. ICON have advised that no PFAS contamination has been detected in potable water supplies.

Key Information

- PFAS contamination has been identified at Canberra Airport and Jervis Bay. Fire retardants containing PFAS are no longer used in the ACT. Contamination is from historical use.
- Contaminated soil from Canberra Airport is managed on site. Groundwater in the area is not used for drinking and no detectable impacts from PFAS have been shown in ACT lakes and streams.
- At Canberra Airport, the PFAS impacted soil is localised on site and is managed by Airservices Australia and Canberra Airport. It is unclear who will accept liability for remediation and containment of this contaminated site. Environmental management, including land at the Canberra Airport, is regulated under the *Commonwealth Airports Act 1996*.

Cleared as complete and accurate: 09/05/2018
Cleared by: Deputy Director-General Ext: 50883
Information Officer name: Conrad Barr
Contact Officer name: Dr Paul Kelly Ext: 50883
Lead Directorate: Health

TRIM Ref:

- In relation to the disposal of PFAS impacted soil from the Canberra Airport site, the EPA advised Airservices that, in accordance with ACT and national waste and contaminated land remediation standards, the contaminated material should be managed on site.
- The Jervis Bay Territory Administration Office and the ACT Chief Health Officer continues to engage through the Chief Minister, Treasury and Economic Development Directorate with the Commonwealth Department of Infrastructure, Regional Development and Cities (DIRDC). The DIRDC has overall responsibility for the provision of a range of local and state government-type services.

Background Information – may not be suitable for public disclosure

- PFAS are a group of manufactured chemicals that have been used since the 1950s in a range of industrial processes, common household products, and some fire-fighting foams.
- In June 2016, Australia's Environmental Health Standing Committee (enHealth) adopted European Food Safety Authority standards for PFAS as interim guidelines for drinking water and recreational water use. enHealth has also established an Expert Health Panel for PFAS to advise the Australian Government on the potential health impacts associated with PFAS exposure and to identify priority areas for further research.
- In March 2017, Food Standards Australia New Zealand (FSANZ) established an appropriate tolerable daily intake (TDI) for PFAS to assist jurisdictions manage food-related matters associated with affected sites.
- The *Intergovernmental Agreement on a National Framework for Responding to PFAS Contamination* came into effect on 20 February 2018.

Cleared as complete and accurate: 09/05/2018
Cleared by: Deputy Director-General Ext: 50883
Information Officer name: Conrad Barr
Contact Officer name: Dr Paul Kelly Ext: 50883
Lead Directorate: Health

Moroney, Rebecca (Health)

From: Moroney, Rebecca (Health) on behalf of Barr, Conrad (Health)
Sent: Friday, 22 June 2018 3:37 PM
To: Pengilley, Andrew (Health)
Subject: FW: MO REQUEST - Brief on PFAS sites [SEC=UNCLASSIFIED]
Attachments: Gordon Ramsay MLA - PFAS contamination in the ACT 20062018.docx; ACT Fire & Rescue - Priority list of sites for PFAS testing.docx

Rebecca Moroney | Personal Assistant to Executive Director

Phone: 02 6205 4402 | Email: Rebecca.L.Moroney@act.gov.au

Health Protection Service | Population Health Protection and Prevention | ACT Health | ACT Government

25 Mulley Street, Holder ACT 2611 | health.act.gov.au/hps

From: Sargent, Narelle
Sent: Wednesday, 20 June 2018 7:50 PM
To: Walters, Daniel <Daniel.WALTERS@act.gov.au>; Clapham, David <David.Clapham@act.gov.au>; Barr, Conrad (Health) <Conrad.Barr@act.gov.au>; Kelly, Paul (Health) <Paul.Kelly@act.gov.au>; Hudson, Lyndell (Health) <Lyndell.Hudson@act.gov.au>; Brown, Mark <Mark.Brown@act.gov.au>; Corich, Luigina <Luigina.Corich@act.gov.au>; Springett, Emily <Emily.Springett@act.gov.au>; Gordon, Garry <Garry.Gordon@act.gov.au>; Brown, Mike <Mike.Brown@act.gov.au>; Stankevicius, Adam <Adam.Stankevicius@act.gov.au>; Purvis, Alison <Alison.PURVIS@act.gov.au>
Cc: Ceccato, Shonade <Shonade.Ceccato@act.gov.au>; Pryce, David <David.Pryce@act.gov.au>
Subject: MO REQUEST - Brief on PFAS sites [SEC=UNCLASSIFIED]

Dear PFAS/PFOS Issues - Inter-Directorate Committee Meeting Members

As agree at the teleconference, please find attached the draft Brief on PFAS contamination issues in the ACT. Please **provide your input ASAP** as this because some people head into Estimates tomorrow.

FYI, below is the date of the original request and who was requested to provide input, this was then forwarded to David Clapham shortly after, who provided input.

Warm regards
 Narelle

From: Sargent, Narelle
Sent: Friday, 15 June 2018 11:20 AM
To: Walters, Daniel <Daniel.Walters@act.gov.au>; Barr, Conrad (Health) <Conrad.Barr@act.gov.au>; Kelly, Paul (Health) <Paul.Kelly@act.gov.au>; Brown, Mark <Mark.Brown@act.gov.au>
Cc: Hudson, Lyndell (Health) <Lyndell.Hudson@act.gov.au>; Lewer, Kendall <Kendall.Lewer@act.gov.au>; Jones, Pat <Pat.Jones@act.gov.au>; Power, David <DAVID.POWER@act.gov.au>; Springett, Emily <Emily.Springett@act.gov.au>
Subject: MO REQUEST - Brief on PFAS sites [SEC=UNCLASSIFIED]

Hi Daniel, Conrad, Paul and Mark

Following yesterday's request, for input into the Ministers Brief on PFAS.

Can I please have your input into the attached draft by midday next Wednesday 20 June, so it can be cleared etc, to be in the Minister's Office by COB Thursday 21.

Please feel free to call if you have any questions.

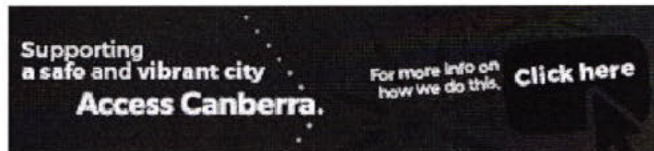
Warm regards
Narelle

Narelle Sargent | Deputy Director Environment Protection (*Environment Protection Authority*)

Phone: 02 6207 5782 | Mobile [REDACTED] | Email: narelle.sargent@act.gov.au

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

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





Chief Minister, Treasury and Economic Development Directorate

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To: Minister for Regulatory Services Tracking No.: Click here to enter text.

Date: 20 June 2018

CC: Minister for Planning and Heritage

From: Alison Purvis, Chief Operating Officer

Subject: PFAS contamination issues in the ACT

Critical Date: 22 June 2018

Critical Reason: Must be considered prior to Estimates

Purpose

To provide an update on PFAS contamination issues in the ACT.

Recommendations

That you:

1. Note the information contained in this brief.

Noted / Please Discuss

MLA/...../.....

Minister's Office Feedback

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Background**PFAS - Nationally**

1. The compounds known as perfluorooctanesulfonic acid (PFOS) and perfluorooctanesulfonate (PFOA) were used for decades in firefighting foam concentrates such as Aqueous Film Forming Foam (AFFF) as well as a range of industrial/manufacturing processes. These compounds are collectively referred to as per- and poly-fluoroalkyl substances (PFAS).
2. PFAS are part of a diverse group of man-made chemicals also found in a range of common household products including non-stick cookware, fabric, furniture and food packaging. They are resistant to heat, water and oil.
3. PFAS are very stable compounds and do not break down in the environment, that is, they persist in the environment and in human bodies for a long time.
4. Australian health authorities, including ACT Health, report that there is no conclusive proof that PFAS causes any specific illnesses in humans, including cancer. There is also no consistent evidence that PFAS causes adverse human health outcomes in pregnant women or their babies.
5. Despite the current lack of certainty regarding the adverse effects of PFAS on organisms, the persistent nature of PFAS means a precautionary approach for managing PFAS has been adopted.
6. Governments in Australia work to a framework for PFAS management in accordance with the *Intergovernmental Agreement on a National Framework for Responding to PFAS Contamination* (February 2018) and the PFAS National Environment Management Plan (NEMP), adopted by all jurisdictions in March 2018.
7. The ACT Environment Protection Authority (EPA) is a participant on the Heads of Environment Protection Authorities Australia and New Zealand (HEPA) National Chemicals Working Group, which developed the PFAS National Environment Management Plan (NEMP).
8. The NEMP details environmental concentrations of PFAS for use in ecological and human health risk assessments, based on a precautionary approach. The NEMP also details methods for site assessments, sampling protocols and analytical determinations.
9. Issues with PFAS that have been widely reported in other jurisdictions have involved direct contamination of drinking water and/or food supplies.
10. Such issues are improbable in the ACT because of the remote catchments used for town water supply and the insignificant volume of food production in the ACT.

PFAS in Jervis Bay Territory

11. The ACT Government is contracted by the Commonwealth Government to supply certain services to Jervis Bay Territory (JBT), including education, licences, justice services and environmental water testing.
12. The Commonwealth Department of Defence is leading the PFAS investigation in JBT, centred on the Jervis Bay Range Facility. The ACT Government is a member of Defence's Project Control Group and provides advice and support where required.
13. Chief Minister Treasury and Economic Development Directorate (CMTEDD) is briefing the Chief Minister on issues with PFAS in JBT. On the basis of preliminary testing, ACT

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Health is currently working with NSW EPA to advise the Commonwealth Government on community health advice relating to the consumption of marine life in JBT. A copy of this briefing will be provided to you when complete.

14. The ACT Government is unable to progress assessment or remediation at Commonwealth sites because the Commonwealth is not bound by ACT legislation.

PFAS in the ACT

15. Foam concentrates containing PFAS are no longer used in the ACT by ACT firefighting agencies. The phasing out of AFFF concentrate by ACT Fire & Rescue commenced in September 2004. It was completely withdrawn from service in April 2005 and replaced with fluorine-free foam concentrate.
16. ACT Fire & Rescue replaced its nine (9) litre portable AFFF fire extinguishers on fire fighting vehicles with fluorine-free alternatives in early 2017.

Issues**The ACT and PFAS**

17. There are three known PFAS affected sites in the ACT: Canberra Airport which is located on Commonwealth land and the former Charnwood and Belconnen Fire Station and Training Centre sites, located on Territory land.
18. Under the polluter pays principle in the *Environment Protection Act 1997*, firstly the polluter has responsibility for management and/or remediation of their contamination. If the polluter is not identifiable the next most appropriate person is responsible which, is usually the land owner.
19. The Territory Government (ESA) has responsibility for the Belconnen site whilst the Commonwealth Government has responsibility for the Airport site.
20. AFFF was specifically used to suppress flammable liquid fires and was used in training exercises. There are a number of other facilities in the ACT that are likely to have stored or used AFFF and thus have the potential for PFAS contamination.
21. In addition, landfills and waste water/sewerage treatment plants are potential sources of PFAS contamination from household, commercial and industrial wastes and discharges.
22. Potential PFAS contaminated sites in the ACT are listed in Table 1 below.

Table 1: Potential PFAS contaminated sites in the ACT

Facility	Location	PFAS Contamination
Commonwealth Land		
HMAS Harman	Woods Lane, Jerrabomberra, ACT	Potential
Duntroon Royal Military College	Staff Cadet Avenue, Campbell, ACT	Potential
Canberra Airport	Pialligo Avenue, ACT	Confirmed
Majura Firing range	Malcolm Vale Road, Pialligo, ACT	Potential
Australian Federal Police Majura	1 Tambreet St, Majura, ACT	Potential
Canberra Deep Space Discovery Centre	Discovery Drive, Paddys River, ACT	Potential
Lawson Naval Base	Baldwin Drive	Potential
AFP Weston Creek	2 Unwin Street Weston, ACT	Potential

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Territory Land		
Charnwood Fire Station (former)	35 Lhotsky St, Charnwood, ACT	Confirmed
Belconnen Fire Station & Training Centre (former)	41 Rae St, Belconnen, ACT	Confirmed
Forrest Fire Station (former)	Empire Circuit, Forrest	Potential
Fyshwick Fire Station	1 Dalby St, Fyshwick ACT	Potential
Gungahlin Fire Station	Anthony Rolfe Ave, Gungahlin ACT	Potential
Ainslie Fire Station	36 Wakefield Ave, Ainslie, ACT	Potential
Chisholm Fire Station	6 Benham Street, Chisholm	Potential
Phillip Fire Station	Hindmarsh Dr & Botany St, Phillip ACT	Potential
Kambah Fire Station	500 Sulwood Dr, Kambah ACT	Potential
Greenway Ambulance Station (former Greenway Fire Station)	201 Scollay St, Greenway ACT	Potential
Mugga Lane Resource Recovery Facility	499 Mugga Lane, Jerrabomberra, ACT	Potential
West Belconnen Resource Management Centre	181 Parkwood Rd, MacGregor, ACT	Potential
Rail Depot Kingston	Cunningham Street, Kingston, ACT	Potential
Weston Creek Sewerage Treatment Works	Brackenreg Road, Weston ACT	Potential
Lower Molonglo Waste Water Treatment Works	446 Stockdill Drive, Holt ACT	Potential
Oaks Estate Sewerage Treatment Works	Cnr Nimrod Road & Mountain Road, Oaks Estate, ACT	Potential
Kingston Foreshore	11 Wentworth Avenue, Kingston ACT	Potential
Fuel Depots (Fyshwick/Oaks Estate)	16 Ipswich St & 13-17 Barrier St, Fyshwick, ACT and 22 Railway Street Oaks Estate, ACT	Potential

ACT Fire & Rescue/ACT Emergency Services Agency (ESA)/ACT Health/WorkSafe ACT

23. ACT Fire & Rescue advise that most of the fire appliances and firefighting equipment used by ACT Fire & Rescue were acquired after AFFF had been phased out. Those vehicles and equipment that were in service prior to this have been thoroughly cleaned and are not considered to pose any risk.
24. ACT Health advise there is no perceived benefit in blood screening for PFAS in ACT firefighters as there are no benchmarks to relate the results to.
25. The ESA is working with WorkSafe ACT to ensure work health and safety obligations are met.
26. The ESA has undertaken a risk assessment to prioritise the testing of remaining sites and further testing will be done at the higher priority locations in the near future.
27. The ESA sites were prioritised according to the likelihood that training involving AFFF was undertaken on-site. The lower ranked sites are fire stations where there is limited yard space to undertake extensive training, but it was probable that some training took place (Refer to Attachment A).

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