

PENRITH CITY COUNCIL

FAST LIGHT ASSESSMENT REPORT

Application number:	DA21/0301
Proposed development:	Single storey dwelling and OSSM
Property address:	13 - 15 Vane Street, CRANE BROOK NSW 2749
Property description:	Lot 3 DP 1242079
Date received:	4 May 2021
Assessing officer	Paul Buttigieg
Zoning:	E4 Environmental Living - LEP 2010
Class of building:	Class 1a
Recommendation:	Approve

Executive Summary

Council is in receipt of a development application for the subject development on the subject site and the proposal is a permissible land use with Council consent.

Site & Surrounds

The subject site is situated on the northern side of Vane Street Cranebrook. It is 2.084Ha in area, is orientated in a south eastern direction and is a generally flat lot.

An inspection of the site was undertaken on 27/05/2021 and the site is currently vacant.

The surrounding area is characterised by rural development.

Proposal

The proposed development involves:

Construction of a single storey dwelling and installation of an OSSM system including parking and associated drainage works.

Plans that apply

BUSHFIRE PRONE LAND (ENTIRELY)
PENRITH DCP 2014
GENERAL LIST
CONSENTS - SEC. 80 OF ENVIRONMENTAL PLANNING AND A
MISC - AGRICULTURAL ACTIVITIES WITHIN RURAL AREAS
DEV/BLD - RATU - SEE 88B
DEV/BLD - COVENANT(S)
DCP 2014 - Tree Preservation Controls
LEP 2010 - Dual Occupancy and Secondary Dwellings
DCP 2014 - General Information
PLAN INST - SREP NO 9 EXT IND (NO 2-1995) AA
PLAN INST - SREP NO 20 HAW NEP RIV (NO2-1997) AA
FLOOD RELATED DEVELOPMENT CONTROLS
Heritage Item(s) - LEP 2010 Archaeological Site
Local Environmental Plan 2010
No Comp Devel under GHC – Her Item/Dr Her Item
No Comp Devel under HA Code -Her Item/Dr Her Item
No Comp Devel under CIA Code -Her Item/Dr Her Item
No Comp Devel under Sub Code -Her Item/Dr Her Item
No Comp Devel under RH Code - Her Item/Dr Her Item
No Comp Devel under GD Code - Her Item/Dr Her Item
No Comp Devel under Dem Code - Her Item/Dr Her Item
No Comp Devel under C & I (NBA) Code - Her Item
No Comp Devel under FS Code - Her Item
No Comp Devel under LRHDC – Her Item/Dr Her Item
No Comp Devel under H Code - Her Item/Dr Her Item
Asbestos Policy
PRECINCT 2010
SEC 94 CONTRIB PLAN - CULTURAL FACILITIES
SEC 94 CONTRIB PLAN - LOCAL OPEN SPACE 2007
SEC 94 CONTRIB PLAN - DISTRICT OPEN SPACE FACILS
SEC 7.12 CONTRIB PLAN - PENRITH CITYWIDE
STATE ENV PLANNING POLICIES - GENERAL LIST
NORTH WARD
E4 Environmental Living - LEP 2010
LEP 2010 - Clause 7.2 Flood Planning
LEP 2010 - Clause 4.2A Res Devel and Subdn Prohib
LEP 2010 - Additional Land Use Notes

Planning Assessment

- **Section 4.14 - Bushfire prone land assessment**

The development has been assessed in accordance with the matters for consideration under Section 4.14 (Consultation and development consent—certain bush fire prone land) of the Environmental Planning and Assessment Act 1979, and having regard to those matters, the following points are made

The site is identified as being entirely bushfire prone land.

An inspection of the subject site and surrounds was carried out on 27/05/2021.

A BAL assessment carried out by Australian Bushfire Consulting Services was submitted with the application.

Key points of the report are-

The bushfire prone vegetation with 140 m of the proposed site and classifies the closest formations as;
o Flat, Woodland located 12m away to the southwest.

The development shall be constructed to comply with the relevant requirements within AS3959-2018 Construction of Buildings in Bushfire Prone areas for BAL 29.

In accordance with Australian Bushfire Consulting Services Report numbered 21-188 and dated 23/04/2021. The development is subject to a bushfire attack level of BAL-29 and will be constructed to this level in accordance with AS3959. A condition will be provided.

- **Section 4.15 - Evaluation**

The development has been assessed in accordance with the matters for consideration under Section 4.15 of the Environmental Planning and Assessment Act 1979.

Section 4.15(1)(a)(i) The provisions of any environmental planning instrument

Is the development permissible in the zone? **Complies**

Is the development consistent with any requirements of environmental planning instruments relevant to this proposal (including any applicable SEPP's, SREP's and LEP's)? **Complies**

Section 4.15(1)(a)(ii) The provisions of any draft environmental planning instrument

Is the development consistent with any draft planning instruments relevant to this proposal **N/A**

Section 4.15(1)(a)(iii) Any development control plan

Is the development consistent with the provisions of any development control plan relevant to this proposal? **Complies**

Section 4.15(1)(a)(iv) Any applicable regulations

Is the development consistent the provisions of any regulations relevant to this proposal? **Complies**

Section 4.15(1)(b) The likely impacts of the development

Context and setting

Is the development consistent with the bulk, scale colour and design of other development in the locality?	Complies
Will the development have only a minor impact of the amenity of the area and the streetscape?	Complies
Is the development compatible with surrounding and adjacent land uses	Complies
Will the development have no or minimal impact on the amenity of the area in terms of:	
Sunlight (overshadowing):	Complies
Visual and acoustic privacy:	Complies
Views or vista:	Complies

Access and Transport

Will the development have no or minimal impact on the local road system	Complies
Is the existing and any proposed access arrangements and car parking on site adequate for the development?	Complies

Heritage

The property is not subject to any heritage order or is identified as heritage under a planning instrument.	Complies
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Soil

The development will have minimal impact on soil erosion and sedimentation	Complies
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Natural and Technological Hazards

The development is not subject to flooding, subsidence or slip	Complies
Land is not considered to be contaminated:	N/A
Bushfire requirements provided for the development	Complies - See discussion
Acoustic requirements provided for the development	N/A

Site design

The development is sensitive to environmental conditions and site attributes.	Complies
Does the development safe guard the health and safety of the occupants	Complies

Section 4.15(1)(c) The suitability of the site for development

Was the site inspected?	Yes
Does the proposal fit locality?	Yes
Are the site attributes conducive to development?	Yes
Will the proposal have minimal social and economic impacts on the locality?	Yes
Has any applicable 88b instrument been considered?	Yes
Does the development propose the removal of trees?	No
Have the plans been checked by any relevant developer groups?	N/A
Has a BASIX certificate been provided?	Yes

Section 4.15(1)(d) Any submissions made in accordance with the EPA Act and Regulations?

Was the application required to be publicly notified?	No
Were any submissions received during the public notification period?	N/A

Section 4.15(1)(e)Public Interest

The application will have minimal impacts on public interest	Complies
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Conclusion/Summary

The proposed design is site responsive, complies with key development standards and is in the public interest.

The site is suitable for the proposed development, the proposal is in the public interest, and there is unlikely to be negative impacts arising from the proposed development.

Therefore, the application is worthy of support, subject to recommended conditions.

Recommendation

1. That DA21/0301 for construction of a single storey dwelling and installation of an OSSM system including parking and associated drainage works at 13-15 Vane Street Cranebrook, be approved subject to the attached conditions (Development Assessment Report Part B).

CONDITIONS

General

1 [A001 - Approved plans that are architecturally drawn](#)

The development must be implemented substantially in accordance with the plans drawn by LYMT, numbered 20014 and dated 3/06/21 Rev 05, and stamped approved by Council, the application form, the BASIX Certificate and any supporting information received with the application, except as may be amended in red on the attached plans and by the following conditions.

2 [A008 - Works to BCA requirements \(Always apply to building works\)](#)

The work must be carried out in accordance with the requirements of the Building Code of Australia. If the work relates to a residential building and is valued in excess of \$20,000, then a contract of insurance for the residential development shall be in force in accordance with Part 6 of the Home Building Act 1989.

{Note: Residential building includes alterations and additions to a dwelling, and structures associated with a dwelling house/dwelling such as a carport, garage, shed, rural shed, swimming pool and the like}.

3 [A019 - OCCUPATION CERTIFICATE \(ALWAYS APPLY\)](#)

The development shall not be used or occupied until an Occupation Certificate has been issued.

4 [A046 - Obtain Construction Certificate before commencement of works](#)

A **Construction Certificate** shall be obtained prior to commencement of any building works.

5 [A special \(A041\) - CONSTRUCTION IN BUSHFIRE AREAS](#)

The building shall be constructed in accordance with the provisions of "Planning for Bushfire Protection" November 2019, and to BAL-29 construction under AS3959-2018 "Construction of buildings in bushfire-prone areas.

And,

Prior to the issue of an **Occupation Certificate** the principal certifier shall ensure the recommendations detailed in Bushfire Assessment Report carried out by Australian Bushfire Consulting Services numbered 21-188 and dated 23rd April 2021 have been met.

Demolition

6 [B004 - Dust](#)

Dust suppression techniques are to be employed during construction to reduce any potential nuisances to surrounding properties.

7 [B005 - Mud/Soil](#)

Mud and soil from vehicular movements to and from the site must not be deposited on the road.

Environmental Matters

8 [D001 - Implement approved sediment& erosion control measures](#)

Erosion and sediment control measures shall be installed **prior to the commencement of works on site** including approved clearing of site vegetation. The erosion and sediment control measures are to be maintained in accordance with the approved erosion and sediment control plan(s) for the development.

The approved sediment and erosion control measures are to be installed **prior to and maintained throughout the construction phase of the development until the land, that was subject to the works, have been stabilised and grass cover established.** These measures shall ensure that mud and soil from vehicular movements to and from the site does not occur during the construction of the development.

9 [D005 – No filling without prior approval \(may need to add D006\)](#)

No fill material is to be imported to the site without the prior approval of Penrith City Council in accordance with Sydney Regional Environmental Plan No.20 (Hawkesbury- Nepean River) (No.2-1997). No recycling of material for use as fill material shall be carried out on the site without the prior approval of Council.

10 **D006 - No filling without prior approval (Use always, except for bulk earthworks/ major fill operations)**

No fill material shall be imported to the site until such time as a Validation Certificate (with a copy of any report forming the basis for the validation) for the fill material has been submitted to, considered and approved by Council. The Validation Certificate shall:

- state the legal property description of the fill material source site,
- be prepared by an appropriately qualified person (as defined in Penrith Contaminated Land Development Control Plan) with consideration of all relevant guidelines (e.g. EPA, ANZECC, NH&MRC), standards, planning instruments and legislation,
- clearly indicate the legal property description of the fill material source site,
- provide details of the volume of fill material to be used in the filling operations,
- provide a classification of the fill material to be imported to the site in accordance with the Environment Protection Authority's "Environmental Guidelines: Assessment, Classification & Management of Non-Liquid Wastes" 1997, and
- (based on the fill classification) determine whether the fill material is suitable for its intended purpose and land use and whether the fill material will or will not pose an unacceptable risk to human health or the environment.

{Note: Penrith Contaminated Land Development Control Plan defines an appropriately qualified person as "a person who, in the opinion of Council, has a demonstrated experience, or access to experience in hydrology, environmental chemistry, soil science, eco-toxicology, sampling and analytical procedures, risk evaluation and remediation technologies. In addition, the person will be required to have appropriate professional indemnity and public risk insurance."}.

If the Principal Certifying Authority or Penrith City Council is not satisfied that suitable fill materials have been used on the site, further site investigations or remediation works may be requested. In these circumstances the works shall be carried out prior to any further approved works.

11 **D009 - Covering of waste storage area**

All waste materials stored on-site are to be contained within a designated area such as a waste bay or bin to ensure that no waste materials are allowed to enter the stormwater system or neighbouring properties. The designated waste storage areas shall provide at least two waste bays / bins so as to allow for the separation of wastes, and are to be fully enclosed when the site is unattended.

12 **D010 – Appropriate disposal of excavated or other waste**

All excavated material and other wastes generated as a result of the development are to be re-used, recycled or disposed of in accordance with the waste management plan.

Waste materials not specified in the waste management plan are to be disposed of at a lawful waste management facility. Where the disposal location or waste materials have not been identified in the waste management plan, details shall be provided to the Certifying Authority as part of the waste management documentation accompanying the Construction Certificate application.

All receipts and supporting documentation must be retained in order to verify lawful disposal of materials and are to be made available to Penrith City Council on request.

13 **D014 - Plant and equipment noise**

The operating noise level of plant and equipment shall not exceed 5dB(A) above the background noise level when measured at the boundaries of the premises. The provisions of the Protection of the Environment Operations Act 1997 apply to the development, in terms of regulating offensive noise.

BCA Issues

14 **E001 - BCA compliance**

All aspects of the building design shall comply with the applicable performance requirements of the Building Code of Australia so as to achieve and maintain acceptable standards of structural sufficiency, safety (including fire safety), health and amenity for the on-going benefit of the community. Compliance with the performance requirements can only be achieved by:

(a) complying with the deemed to satisfy provisions, or

(b) formulating an alternative solution which:

- complies with the performance requirements, or
- is shown to be at least equivalent to the deemed to satisfy provision, or

(c) a combination of (a) and (b).

Health Matters and OSSM installations

15 F006 - Water tank & nuisance

The rainwater tank must be maintained so as not to create a nuisance and it must be protected against mosquito infestation.

Construction

16 H001 - Stamped plans and erection of site notice

Stamped plans, specifications, a copy of the development consent, the Construction Certificate and any other Certificates to be relied upon shall be available on site at all times during construction.

The following details are to be displayed in a maximum of 2 signs to be erected on the site:

- the name of the Principal Certifying Authority, their address and telephone number,
- the name of the person in charge of the work site and telephone number at which that person may be contacted during work hours,
- that unauthorised entry to the work site is prohibited,
- the designated waste storage area must be covered when the site is unattended, and
- all sediment and erosion control measures shall be fully maintained until completion of the construction phase.

Signage but no more than 2 signs stating the above details is to be erected:

- at the commencement of, and for the full length of the, construction works onsite, and
- in a prominent position on the work site and in a manner that can be easily read by pedestrian traffic.

All construction signage is to be removed when the Occupation Certificate has been issued for the development.

17 H002 - All forms of construction

Prior to the commencement of construction works:

(a) Toilet facilities at or in the vicinity of the work site shall be provided at the rate of one toilet for every 20 persons or part of 20 persons employed at the site. Each toilet provided must be:

- a standard flushing toilet connected to a public sewer, or
- if that is not practicable, an accredited sewage management facility approved by the council, or
- alternatively, any other sewage management facility approved by council.

(b) All excavations and backfilling associated with the erection or demolition of a building must be executed safely and in accordance with the appropriate professional standards. All excavations associated with the erection or demolition of a building must be properly guarded and protected to prevent them from being dangerous to life or property.

(c) If an excavation associated with the erection or demolition of a building extends below the level of the base of the footings of a building on an adjoining allotment of land, the person causing the excavation to be made:

- must preserve and protect the building from damage, and
- if necessary, must underpin and support the building in an approved manner, and
- must, at least 7 days before excavating below the level of the base of the footings of a building on an adjoining allotment of land, give notice of intention to do so to the owner of the adjoining allotment of land and furnish particulars of the excavation to the owner of the building being erected or demolished. The owner of the adjoining allotment of land is not liable for any part of the cost of work carried out for the purposes of this condition, whether carried out on the allotment of land being excavated or on the adjoining allotment of land, (includes a public road and any other public place).

18 H006 - Submission of and implement waste management plan

The approved waste management plan must be implemented on-site and adhered to throughout all stages of the development including demolition, with supporting documentation / receipts retained in order to verify the recycling and disposal of materials in accordance with the approved plan.

19 H022 - Survey (as amended)

The building shall be set out by a registered surveyor. A Survey Certificate shall be undertaken and submitted to the Principal Certifying Authority when the building is constructed.

20 **H030 – Roof finishes (rural property)**

The roof of the structure is to be a dull, non-reflective surface and colour. The external finishes of the dwelling are to compliment and blend with the established streetscape and amenity of the area.

21 **H036 - Rainwater Tank (Also impose H037, H038, H039, G005 & Q010)**

The rainwater tank(s) is to be:

- erected on a self-supporting base in the approved location on the property in accordance with the stamped-approved site plans for the development,
- structurally sound and constructed in accordance with AS/NZS 3500 1.2- 1998: National Plumbing and Drainage - Water Supply - Acceptable Solutions,
- fully enclosed and all openings sealed to prevent access by mosquitoes,
- fitted with a first flush device,
- fitted with a trickle system to top up from mains water,
- provided with an air gap, and
- installed by a licensed plumber in accordance with Sydney Water's "Plumbing requirements Information for rainwater tank suppliers and plumbers April 2003" and the NSW Code of Practice: Plumbing and Drainage.

Additionally, the following are to be provided:

- A back flow prevention device shall be provided at the water meter in accordance with Sydney Water requirements.
- In the event of a power failure, a back up supply of mains water shall be provided to at least one toilet in the dwelling.
- The rainwater tank(s) and associated piping is to be labelled 'Rainwater - Not for Drinking' in accordance with Sydney Water requirements.
- The rainwater tank and pipework is to be painted in colours matching the external finishes of the dwelling and is to be of non-reflective finish.
- The overflow for the rainwater tank is to be connected into the existing stormwater disposal system on the site.

Before a rainwater tank(s) can be used, a certificate or suitable document is to be submitted to the Principal Certifying Authority stating that the rainwater tank has been installed in accordance with:

- the manufacturer's specifications, and
- Sydney Water and NSW Health requirements

This certificate or documentation is to be provided by the licensed plumber who installed the rainwater tank on the property, and is to be submitted prior to the issue of the Occupation Certificate.

22 **H037 - Safe supply of water from catchment areas (Also impose H036, H038 & H039)**

The catchment area (for the rainwater tank) includes the parts of the roof of the dwelling(s) from which water is collected and includes gutters. To ensure a safe supply of water:

- roof catchment areas must be kept clear of overhanging vegetation,
- gutters must have sufficient fall to downpipes to prevent pooling of water,
- overflow, discharge from bleed off pipes from roof mounted appliances such as airconditioners, hot water services and solar heaters must not discharge into the rainwater catchment area,
- for roofs containing lead based, tar based or asbestos material the tank supply must not be connected to drinking, bathing and gardening tap water outlets,
- appropriate measures must be installed to prevent foreign materials from contaminating the water which enters the rainwater tank.

23 **H038 - Connection of rainwater tank supply (Also impose H036, H037 & H039)**

The rainwater tank supply must not be connected to drinking and bathing water tap outlets.

24 **H039 - Rainwater tank pumps (Also impose H036, H037 & H038)**

The pump must not exceed 5dBA above ambient background noise level at the nearest residential property boundary. The provisions of the Protection of the Environment Operations Act 1997 apply to the development, in terms of regulating offensive noise.

25 [H041 - Hours of work \(other devt\)](#)

Construction works or subdivision works that are carried out in accordance with an approved consent that involve the use of heavy vehicles, heavy machinery and other equipment likely to cause offence to adjoining properties shall be restricted to the following hours in accordance with the NSW Environment Protection Authority Noise Control Guidelines:

- Mondays to Fridays, 7am to 6pm
- Saturdays, 7am to 1pm (if inaudible on neighbouring residential premises), otherwise 8am to 1pm
- No work is permitted on Sundays and Public Holidays.

Other construction works carried out inside a building/tenancy and do not involve the use of equipment that emits noise are not restricted to the construction hours stated above.

The provisions of the Protection of the Environment Operations Act, 1997 in regulating offensive noise also apply to all construction works.

Engineering

26 [K026 - Stabilised access](#)

All land required for vehicular access within the site is to be stabilised.

27 [K041 - Infrastructure Bond](#)

An Infrastructure Restoration Bond is to be lodged with Penrith City Council for development involving works around Penrith City Council's Public Infrastructure Assets. The bond is to be lodged with Penrith City Council prior to commencement of any works on site or prior to the issue of any Construction Certificate, whichever occurs first. The bond and applicable fees are in accordance with Council's adopted Fees and Charges.

An application form together with an information sheet and conditions are available on Council's website.

Contact Penrith City Council's City Works Department on (02) 4732 7777 or visit Penrith City Council's website for more information.

28 [K101 - Works at No Cost to Council](#)

All roadworks, stormwater drainage works, signage, line marking, associated civil works and dedications required to effect the consented development shall be undertaken by the applicant at no cost to Penrith City Council.

29 **K202 - S138 Roads Act - Minor Works in the Public Road**

Prior to the issue of any Construction Certificate, a Section 138 Roads Act application, including payment of application and inspection fees together with any applicable bonds, shall be lodged with and approved by Penrith City Council (being the Roads Authority for any works required in a public road). These works may include but are not limited to the following:

- a) Vehicular crossings (including kerb reinstatement of redundant vehicular crossings)
- b) Concrete footpaths and or cycleways
- c) Road opening for utilities and stormwater (including stormwater connection to Penrith City Council roads and other Penrith City Council owned drainage)
- d) Road occupancy or road closures (including temporary construction work zones and tower crane operation)
- e) The placement of hoardings, structures, containers, waste skips, signs etc. in the road reserve
- f) Temporary construction access
- g) Temporary ground anchors (for basement construction)

All works shall be carried out in accordance with the Roads Act approval, the development consent, including the stamped approved plans, and Penrith City Council's specifications, guidelines and best engineering practice.

Contact Penrith City Council's Asset Management Department on 4732 7777 or visit Penrith City Council's website for more information.

Note:

- Where Penrith City Council is the Certifier for the development, the Roads Act approval for the above works may be issued concurrently with the Construction Certificate or Subdivision Works Certificate.
- Separate approval may be required from Transport for NSW for classified roads.
- All works associated with the Roads Act approval must be completed prior to the issue of any Occupation Certificate or Subdivision Certificate as applicable.
- On completion of any awning over the road reserve, a certificate from a practising structural engineer certifying the structural adequacy of the awning is to be submitted to Council before Council will inspect the works and issue its final approval under the Roads Act.

30 **K209 - Stormwater Discharge - Minor Development**

Stormwater drainage from the site shall be discharged to the level spreader system.

The stormwater drainage system shall be designed in accordance with Penrith City Council's Stormwater Drainage Specification for Building Developments. The design shall ensure that the development has no adverse impact on adjoining properties by the diversion, damming or concentration of stormwater flows.

The proposed method of stormwater discharge shall be detailed in the Construction Certificate or Subdivision Works Certificate issued by the Certifier.

31 **K501 - Penrith City Council Clearance - Roads Act / Local Government Act**

Prior to the issue of any Occupation Certificate, the Principal Certifier shall ensure that all works associated with a S138 Roads Act consent have been inspected and signed off by Penrith City Council.

Landscaping

32 [L001 - General landscaping \(applies to most building works\)](#)

All landscape works are to be constructed in accordance with the stamped approved plan and Sections F5 "Planting Techniques", F8 "Quality Assurance Standards", F9 "Site Management Plan" of Penrith Council's Landscape Development Control Plan.

Landscaping shall be maintained:

- in accordance with the approved plan, and
- in a healthy state, and
- in perpetuity by the existing or future owners and occupiers of the property.

If any of the vegetation comprising that landscaping dies or is removed, it is to be replaced with vegetation of the same species and, to the greatest extent practicable, the same maturity, as the vegetation which died or was removed.

33 [L008 - Tree Preservation Order](#)

No trees are to be removed, ringbarked, cut, topped or lopped or wilfully destroyed (other than those within the proposed building footprint or as shown on the approved plans) without the prior consent of Penrith City Council and in accordance with Council's Tree Preservation Order and Policy.

Payment of Fees

34 [P002 - Fees associated with Council land \(Applies to all works & add K019\)](#)

Prior to the commencement of any works on site, all fees associated with Penrith City Council-owned land and infrastructure shall be paid to Council. These fees include Road Opening fees and Infrastructure Restoration fees.

Certification

35 [Q01F - Notice of Commencement & Appointment of PCA2 \(use for Fast Light only\)](#)

Prior to the commencement of any earthworks or construction works on site, the proponent is to:

- employ a Principal Certifying Authority to oversee that the said works carried out on the site are in accordance with the development consent and related Construction Certificate issued for the approved development, and with the relevant provisions of the Environmental Planning and Assessment Act and accompanying Regulation, and
- submit a Notice of Commencement to Penrith City Council.

The Principal Certifying Authority shall submit to Council an "Appointment of Principal Certifying Authority" in accordance with Section 81A of the Environmental Planning and Assessment Act 1979.

Information to accompany the Notice of Commencement

Two (2) days before any earthworks or construction/demolition works are to commence on site (including the clearing site vegetation), the proponent shall submit a "Notice of Commencement" to Council in accordance with Section 81A of the Environmental Planning and Assessment Act 1979.

36 [Q05F - Occupation Certificate for Class10](#)

An Occupation Certificate is to be obtained from the Principal Certifying Authority on completion of all works and prior to the occupation/use of the development.

The Certificate shall not be issued if any conditions of this consent, but not the conditions relating to the operation of the development, are outstanding.

A copy of the Occupation Certificate and all necessary documentation supporting the issue of the Certificate is to be submitted to Penrith City Council, if Council is not the Principal Certifying Authority.

Operation of OSSM

37 [R101 - Operational Approval prior to use](#)

The on-site sewage management (OSSM) system and effluent management area shall be installed and operated in accordance with the:

- “Environmental and Health Protection Guidelines On Site Sewage Management for Single Households”
- Australian Standards AS1547:2012,
- Council’s On-Site Sewage Management and Greywater Reuse Policy,
- current (at the time of installation) NSW Health Accreditation documentation,
- the Wastewater Report prepared by Strategic Environmental an Engineering Consultancy Pty Ltd (dated 31 May 2021, ref 21000176), and
- the Effluent Management Area Plan prepared by Strategic Environmental an Engineering Consultancy Pty Ltd (dated 31 May 2021, ref 21000176),
- And, the conditions of this consent.

Prior to the issue of the ‘Approval to Operate’, a Commissioning Certificate for the OSSM system shall be provided to Penrith City Council for approval. This Certificate shall certify that the aerated wastewater treatment system (AWTS) has been installed and is operating in accordance with the conditions of its NSW Health accreditation documentation.

Prior to the issue of the Occupation Certificate and before the OSSM system can be used, an ‘Approval to Operate’ for the OSSM system is to be sought from and issued by Penrith City Council.

38 [R102 - OSSM System Type and Disposal Area \(all systems\)](#)

All wastewater generated on the site is to be diverted to an Aerated Wastewater Treatment System and be disposed of by way of pressure dosed absorption beds in the approved effluent management area. The effluent management area is to be located in accordance with the stamped approved Effluent Management Plan prepared by Strategic Environmental an Engineering Consultancy Pty Ltd (dated 31 May 2021, ref 21000176) and have a minimum area of 135m².

The system and effluent management area are to be installed and managed in accordance with the:

- “Environmental and Health Protection Guidelines On Site Sewage Management for Single Households”
- Australian Standards AS 1547:2012,
- Council’s On-Site Sewage Management and Greywater Reuse Policy,
- the Wastewater Report prepared by Strategic Environmental an Engineering Consultancy Pty Ltd (dated 31 May 2021, ref 21000176), and
- the Effluent Management Area Plan prepared by Strategic Environmental an Engineering Consultancy Pty Ltd (dated 31 May 2021, ref 21000176).

The system is to be utilised for a 2 bedroom dwelling in accordance with the Wastewater Report prepared by Strategic Environmental an Engineering Consultancy Pty Ltd (dated 31 May 2021, ref 21000176). Any dwelling approval on the site greater than this may require a new wastewater report for Council’s consideration.

39 [R103 - Council inspections for Installation](#)

Penrith City Council is both the consent authority and certifying authority for the installation of the On-Site Sewage Management System (OSSM). **It is your responsibility to contact Council's Development Services Department to organise all inspections required for the installation of the system.**

In this regard, the septic tank(s) and disposal area(s) will need to be inspected on completion of the system's installation (before backfilling occurs) and prior to its commissioning, to ensure compliance with those conditions specific to the installation of the system.

A copy of the satisfactory inspection reports carried out by Council shall be submitted to the Principal Certifying Authority if Council is not the Principal Certifying Authority.

40 [R104 - No alterations without approval](#)

The septic tank, drainage and irrigation lines and effluent management area shall not be altered without the prior approval of Council. In addition, the septic tank shall not be buried or covered.

41 [R105 - Plumbing Code of Australia](#)

All house drainage and sanitary plumbing shall be carried out in accordance with the requirements of the Plumbing and Drainage Act 2011 and the Plumbing Code of Australia.

42 R106 - AWTS - Design of Irrigation System

The design of the irrigation system for the effluent management area is to be such that:

- The distribution line is to be buried from the tank to the designated disposal area.
- The moveable irrigation line and sprinklers (including the plume from the sprinklers) situated within the disposal area can not exceed the designated boundaries of the disposal area.
- The treated wastewater can be evenly irrigated across the entire designated disposal area, **avoiding the drip line of native trees.**

43 R108 - Trench - Disposal Area

The disposal area shall:

- the distribution line is to be buried from the tank to the designated disposal area;
- the treated wastewater can be evenly irrigated across the entire designated disposal area;
- be prepared with a minimum 100mm cover of absorbent soil that has been ripped into the existing top soil. The area to be prepared should include up to 2.5m either side of the trench;
- have an even grade / be graded to a minimum 1% crossfall and turfed in accordance with the stamped-approved plans.

44 R109 - No effluent runoff

There shall be no effluent runoff from the subject property to adjoining premises, public places or reserves.

45 R110 - EMA Signage

A minimum of two signs shall be erected within the effluent management area. These signs are to state "RECLAIMED EFFLUENT - NOT FOR DRINKING - AVOID CONTACT". The signage shall be maintained for the term of the development.

46 R111 - AWTS Servicing

The owner/occupier shall enter into an annual service contract with the manufacturer, distributor or other person authorised (in writing) by Penrith City Council to service the aerated septic tank(s) every three (3) months from the date of commissioning in the following manner:

i. A three monthly service shall include a check on all mechanical, electrical and functioning parts of the aerated system including:

- the chlorinator,
- replenishment of the disinfectant,
- the UV disinfection unit (if required),
- all pumps and switches,
- the air blower, fan or air venturi,
- the alarm system,
- the effluent disposal area and sub-surface irrigation lines and filters,
- the slime growth on the filter media, and
- the operation of the sludge returns system.

ii. The following field tests are to be carried out at every service:

- free residual chlorine using DPD colorimetric or photometric method,
- pH from a sample taken from the irrigation chamber,
- dissolved oxygen from a sample taken from the final aeration or stilling chamber (although recommended) is optional.

iii. On the yearly anniversary date of the commissioning of the system, an annual service of the system shall also be carried out which includes a check on the sludge accumulation in the septic tank (primary treatment tank) and the clarifier, where appropriate.

iv. For systems which utilise the sewage treatment principle of activated sludge or contact aeration, a sludge bulking test, known as a SV30 Test, shall also be conducted on an annual basis. This test is to determine whether the accumulated sludge is bulking, indicating that the aeration compartment(s) will require desludging.

v. On completion of each service, a service report sheet is to specify all service items and test results, the amount of chlorine compound provided, parts replaced (if applicable), the date the service was conducted and the technician's name. A copy of the service report is to be:

- given to the property owner and another to the applicant (if not the same), and
- forwarded to Penrith City Council.

Each service agent shall provide a registered business office which, if unattended during business hours, is provided with a telephone answering device or service. A means of reporting a malfunction or breakdown outside normal business hours shall be available. In the event of a breakdown or malfunction, the service agent shall, within 24 hours of the breakdown or malfunction, ensure that temporary repairs are carried out to the aerated system to ensure continued operation of the system. This may necessitate provision of adequate spare parts and temporary replacement blowers and irrigation pumps where repairs cannot be completed on site.

47 R114 - EMA Turfed

The effluent management area is to be turfed to the satisfaction of Council. Where a specific variety of turf is identified in the approved Wastewater Report that variety is to be installed and maintained.

48 R115 - No structures on EMA

No concreting, driveways, vehicles or any other structure or access way is to be located over any portion of the effluent management area.

49 R116 - Diversion of stormwater

All stormwater and seepage shall be diverted away from the septic tank and the disposal area. At no time is stormwater to be directed into the Aerated Wastewater Treatment System or onto the wastewater effluent disposal area and associated reserve area.

50 R117 - No plants for human consumption within EMA

Orchards, vegetable gardens or any other plant species that can be used for the purposes of human consumption are not to be planted within the effluent management area. Effluent from the on-site sewage management system is not to be used on fruit or vegetables grown for human consumption.

51 R118 - EMA protected from stock damage

The effluent management area shall be protected from possible stock damage.

52 [R119 - Wastewater and Native Trees](#)

No wastewater associated with the on-site sewage management system is to be applied or irrigated within the drip line of any native trees within the effluent management area.

It is the responsibility of the applicant to ensure the ongoing health of the trees in relation to the effluent management area.

53 [R127 - NSW Health Accreditation documentation required](#)

Prior to the issue of the Construction Certificate, the NSW Health Accreditation documentation is to be submitted to Council for approval. If Council is not the certifying authority, a copy of Council's written approval is to be provided to the Private Certifying Authority.

54 [R129 - Reserve area with plan](#)

The reserve area, as marked on the Effluent Management Plan prepared by Strategic Environmental and Engineering Consultancy Pty Ltd (dated 31 May 2021, ref 21000176), is to be established with turf and is not to be used for any ancillary purpose. No materials are to be stored in the reserve area, and the reserve area is not to be developed. In the event that the primary effluent disposal area is to fail the reserve area is to be used. Written approval is to be obtained from Penrith City Council prior to any works being undertaken.

Appendix - Development Control Plan Compliance

D1.2	Rural Dwellings and Outbuildings	Complies Y/N	Comments
1.2.1	Siting and Orientation of Dwellings and Outbuildings Dwellings and associated buildings should be sited to maximise the natural advantages of the land in terms of: i) Protecting the privacy of proposed and existing buildings; ii) Providing flood-free access to the dwelling and a flood-free location for the dwelling itself; iii) Minimising risk from bush fire by considering slope, orientation and location of likely fire sources; iv) Maximising solar access; v) Retaining as much of the existing vegetation as possible; and vi) Minimising excavation, filling and high foundations by avoiding steep slopes (greater than 1 in 6).	Yes	S88b building envelope burden lot. Compliance achieved.
	b) The design of the development must consider all components including fencing, outbuildings, and driveways and landscaping.	Yes	
	c) Where practical, all buildings on a site, including dwellings and outbuildings, should be clustered to improve the visual appearance of the development in its landscape setting and reduce the need for additional access roads and services.	N/A	Dwelling only
1.2.1	Landscape / Scenic Character a) Buildings on sloping land should be sited (where natural features permit) so they do not intrude into the skyline.	Yes	
	b) Buildings should not be placed on the ridgeline or peak of any hill unless there are no alternative locations possible.	Yes	
	c) Where practical, buildings should be sited to take advantage of existing vegetation to provide privacy from passing traffic and public places, screening from winds and a pleasant living environment	Yes	
	d) Roads should be designed and located to run with the contours of the land.	N/A	
	e) Rooflines and ridgelines should reflect the setting of the dwelling, incorporating simple shapes to step a building down with a sloping site or level change.	N/A	
	f) Simple rooflines should be used to minimise the likelihood of twigs and leaves building up in valleys and presenting a bushfire hazard.	Yes	
1.2.2	Setbacks and Building Separations		
	1) Setbacks from Roads		
	a) A minimum setback of 15m from public roads is required for all dwellings and outbuildings. Formal parking areas are not permitted within the setback.	Yes	56705mm
	b) A variety of setbacks will be encouraged to prevent rigidity in the streetscape.	Yes	
	c) A minimum setback of 30m is required to all classified roads (except Mulgoa Road), Luddenham Road, Greendale Road and Park Road (except in the villages of Londonderry, Wallacia and Luddenham). Please contact Council to discuss.	N/A	
	d) A minimum setback of 100m is required to Mulgoa Road for all dwellings and outbuildings (except in the Mulgoa Village).	N/A	
	2) Setbacks from Watercourses	N/A	
	a) A minimum setback of 100m is required from the Nepean River. This is measured from the top of the bank. The river includes all elements, such as lagoons and backwaters. Council will determine the minimum setback required if the "bank" is difficult to define.		
	a) A minimum setback of 100m is required from the Nepean River. This is measured from the top of the bank. The river includes all elements, such as lagoons and backwaters. Council will determine the minimum setback required if the "bank" is difficult to define.		

	b) A variety of setbacks will be encouraged to prevent rigidity in the streetscape.	Yes	
	c) A minimum setback of 40m is required from any other natural watercourses for all dwellings and outbuildings to minimise impacts on the watercourse.	N/A	
	3) Building Separations and Side Boundary Setbacks		
	a) Dwellings on adjacent properties should be considered when determining the location of a proposed dwelling to ensure that separation distances are maximised as far as is reasonably possible to maintain amenity for each dwelling and minimise noise and privacy intrusions.	Yes	
	b) The minimum side setback for dwellings is 10m where the allotment is 2 hectares or larger.	Yes	16000mm - within Building Envelope.
	c) The minimum side setback for dwellings is 5m where the allotment is less than 2 hectares.	N/A	
	d) Dwellings on one allotment should be separated as much as reasonably possible from any farm buildings or other buildings on adjacent allotments where there is potential for noise generation from those farm buildings/other buildings.	Yes	
1.2.3	Site Coverage, Bulk and Massing		
	1) Dwellings shall have a maximum ground floor footprint of 500m ² (including any undercover car parking areas). Note: 'Ground floor footprint' is the area measured from the external face of any wall of any dwelling, outbuilding (other than a farm building), dual occupancy dwelling, garage or undercover car parking area, animal house or garden shed. 'Ground floor footprint' is the area measured from the external face of any wall of any dwelling, outbuilding (other than a farm building), dual occupancy dwelling, garage or undercover car parking area, animal house or garden shed.	Yes	
	2) Dwellings shall have a maximum overall ground floor dimension of 45m, with a maximum of 18m at any one point.	Yes	
	3) The maximum floor space of any second storey is to be 70% of the floor space of the lower storey of the dwelling.	N/A	
	4) No more than three (3) undercover car parking spaces shall face towards a public road or place. Any additional garages shall be setback behind the building line and screened.	Yes	
	5) A maximum ground floor footprint of 600m ² will be permitted on any one allotment, including the dwelling and all associated structures, but excluding 'farm buildings' and any 'agricultural or non-agricultural development' referred to other parts of this chapter.	Yes	
1.2.4	Height, Scale and Design		
	a) Dwellings shall be no more than two storeys in height, including garage and storage areas.	Yes	
	b) If liveable rooms are located in the area immediately below the roof then this level will be counted as a storey.	N/A	
	c) The maximum height of the ceiling of the top floor of all buildings should not exceed 8m above natural ground level.	Yes	
	d) On sloping sites, split level development is preferred. The floor level of the dwelling at any point should not be greater than 1m above or below the natural ground level immediately below the floor level of that point. Cut and fill should be limited to 1m of cut and 1m of fill as shown in Figure D1.7.	N/A	
	Design and Quality		
	a) The design of dwellings and associated structures should be sympathetic to the rural character of the area.	Yes	
	b) Fencing is to be of an open rural nature consistent in style with that normally found in rural areas. Internal courtyard fencing or entry fencing should be sensitive to the rural environment.	N/A	
1.2.7	Materials and Colours		

1) Colours of external finishes should be in keeping with the natural surroundings, be non-reflective and utilise earthy tones, unless it can be demonstrated that the proposed colours and finishes will have no visual impact or will complement the rural character.	Yes	Colour schedule submitted.
2) Building materials with reflective surfaces such as large expanses of glass, unpainted corrugated iron, concrete blocks, sheet cladding or similar finishes should be avoided. Where these materials are unavoidable, they should be screened with landscaping to minimise visual impact.	Yes	
3) Re-sited dwellings may be considered in rural areas, however, the external finishes may be required to be upgraded to Council's satisfaction.	N/A	

Referrals

The application was referred to the following stakeholders and their comments have formed part of the assessment.

Referral Body	Comments Received
Development Engineer	No objections - subject to conditions
Heritage	No objections
Environmental - Environmental management	No objections - subject to conditions