

PENRITH CITY COUNCIL

NOTICE OF DETERMINATION

DESCRIPTION OF DEVELOPMENT

Application number:	DA21/0370
Description of development:	Construction of Detached Dual Occupancy Dwelling & Swimming Pool
Classification of development:	Class 1a , Class 10b

DETAILS OF THE LAND TO BE DEVELOPED

Legal description:	Lot 45 DP 30266
Property address:	1226 - 1232 Mamre Road, MOUNT VERNON NSW 2178

DETAILS OF THE APPLICANT

Name & Address:	The Planning Hub Level 3 100 Collins Street ALEXANDRIA NSW 2015
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DECISION OF CONSENT AUTHORITY

In accordance with Section 4.18(1) (a) of the Environmental Planning and Assessment Act 1979, consent is granted subject to the conditions listed in attachment 1.

Please note that this consent will lapse on the expiry date unless the development has commenced in that time.

Date from which consent operates	18 August 2021
Date the consent expires	18 August 2026
Date of this decision	17 August 2021

POINT OF CONTACT

If you have any questions regarding this determination you should contact:

Assessing Officer:	Sufyan Nguyen
Contact telephone number:	+612 4732 8568

NOTES

Reasons

The conditions in the attached schedule have been imposed in accordance with Section 4.17 of the Environmental Planning and Assessment Act 1979 as amended.

Conditions

Your attention is drawn to the attached conditions of consent in attachment 1.

Certification and advisory notes

You should also check if this type of development requires a construction certificate in addition to this development consent.

It is recommended that you read any Advisory Note enclosed with this notice of determination.

Review of determination

The applicant may request Council to review its determination pursuant to Division 8.2 of the Environmental Planning and Assessment Act 1979 within twelve months of receiving this Notice of Determination.

These provisions do not apply to designated development, complying development or crown development pursuant to Section 8.2(2) of the Environmental Planning and Assessment Act 1979.

Appeals in the Land and Environment Court

The applicant can appeal against this decision in the Land and Environment Court within twelve months of receiving this Notice of Determination.

There is no right of appeal to a decision of the Independent Planning Commission or matters relating to a complying development certificate pursuant to clause 8.6(3) of the Environmental Planning and Assessment Act 1979.

Designated development

If the application was for designated development and a written objection was made in respect to the application, the objector can appeal against this decision to the Land and Environment Court within 56 days after the date of this notice.

If the applicant appeals against this decision, objector(s) will be given a notice of the appeal and the objector(s) can apply to the Land and Environment Court within 56 days after the date of this appeal notice to attend the appeal and make submissions at that appeal.

Sydney Western City Planning Panels

If the application was decided by the Sydney Western City Planning Panel, please refer to Section 2.16 of the Environmental Planning and Assessment Act, 1979 (as amended) for any further regulations.

ATTACHMENT 1: CONDITIONS OF CONSENT

General

- 1 The development must be implemented substantially in accordance with the following plans and documents stamped approved by Council, the application form and any supporting information received with the application, except as may be amended in red on the stamped approved plans and by the following conditions.

Drawing Title	Prepared By	Sheet No.	Issue	Dated
Site Plan	J Mammone Architecture	01	D	09.07.21
Detailed Site Plan	J Mammone Architecture	02	D	09.07.21
Site Management Plan	J Mammone Architecture	04	D	09.07.21
Stormwater Plan	J Mammone Architecture	05	D	09.07.21
Ground Floor	J Mammone Architecture	06	D	09.07.21
Elevations	J Mammone Architecture	07	D	09.07.21
Elevation Finishes	J Mammone Architecture	08	D	09.07.21
Sections	J Mammone Architecture	09	D	09.07.21
Roof Plan	J Mammone Architecture	10	D	09.07.21
Landscape Plan	J Mammone Architecture	11	D	09.07.21
Pool Plan & Section	J Mammone Architecture	12	D	09.07.21
External Finishes	J Mammone Architecture	14	D	09.07.21

Documents

- BASIX Certificate No. 1178236S_04, dated 25 May 2021;
- Bushfire Hazard Assessment Report prepared by Harris Environmental Consulting, Ref: 4257BF, Version No. [1.0], dated 28 April 2021;
- Letter Regarding Aircraft Noise Intrusion prepared by Koikas Acoustics Pty Ltd, Reference: 4573L20210210jt1226MamreRdMountVernon.docx, Project No. 4573, dated 10 February 2021;
- Soil and Site Assessment for On-Site Wastewater Management Report prepared by Harris Environmental Consulting, Ref. 4257WW, Version No. [1.0], dated 10 April 2021; and
- Waste Management Plan prepared by J Mammone Architecture Pty Ltd, dated 4 March 2021.

- 2 **The development shall not be used or occupied until an Occupation Certificate has been issued.**
- 3 An Asset Protection Zone for protection from bushfire shall be provided and maintained in perpetuity in accordance with the recommendations outlined in the Bushfire Hazard Assessment prepared by Harris Environmental Consulting, reference no. 4257BF, version no. [1.0], dated 28 April 2021 and Planning for Bush Fire Protection 2019. **Prior to the issue of an Occupation Certificate**, bushfire protection measures shall be in place and compliant with Table 7.4a in the Bushfire Hazard Assessment, particularly in relation to an upgrade to the internal access arrangements for the property.
- 4 A **Construction Certificate** shall be obtained prior to commencement of any building works.
- 5 All driveway areas shown on the approved site plan shall be suitably stabilised.

Environmental Matters

- 6 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 and the Department of Housing's "Managing Urban Stormwater: Soils and Construction" 2004.

Certification that the erosion and sediment control measures have been installed in accordance with the approved erosion and sediment control plan (s) for the development and "Managing Urban Stormwater: Soils and Construction 2004" shall be obtained and issued a minimum 2 days before any other site works are to commence, including earthworks and clearing of the site.

The approved sediment and erosion control measures are to be installed **prior to and maintained throughout the construction phase of the development until the landscaping, driveway and on-site parking areas have been completed for the development.** 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.

- 7 All land that has been disturbed by earthworks is to be spray grassed or similarly treated to establish a grass cover.
- 8 Dust suppression techniques are to be employed during construction works to reduce any potential nuisances to surrounding properties.
- 9 Mud and soil from vehicular movements to and from the site during construction works must not be deposited on the road.
- 10 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 the Principal Certifying Authority or 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 Development Control Plan 2014) 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 Development Control Plan 2014 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 Cut and fill operations on the property are only permitted in conjunction with the building works as detailed on the approved plans and specifications, and shall not extend more than 2m past the defined building footprint.
- 12 All waste materials stored on-site during construction works 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.
- 13 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 approved waste management plan.

Waste materials not specified in the approved 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.

- 14 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

- 15 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

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

Utility Services

- 17 A Section 73 Compliance Certificate under the Sydney Water Act 1994 shall be obtained from Sydney Water. The application must be made through an authorised Water Servicing Coordinator. Please refer to “Your Business” section of Sydney Water’s website at www.sydneywater.com.au then the “e-developer” icon, or telephone 13 20 92.

The Section 73 Compliance Certificate must be submitted to the Principal Certifying Authority prior to the issue of an Occupation Certificate.

- 18 Prior to the issue of a Construction Certificate, a written clearance is to be obtained from Endeavour Energy stating that electrical services have been made available to the development or that arrangements have been entered into for the provision of services to the development.

Construction

- 19 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 are to be erected:

- at the commencement of, and for the full length of the, construction works on site, 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.

20 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 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).

(d) If the work involved in the erection or demolition of a building is likely to cause pedestrian or vehicular traffic in a public place to be obstructed or rendered inconvenient, or involves the enclosure of a public place, a hoarding or fence must be erected between the work site and the public place:

- if necessary, an awning is to be erected, sufficient to prevent any substance from, or in connection with, the work falling into the public place,
- the work site must be kept lit between sunset and sunrise if it is likely to be hazardous to persons in the public place, and
- any such hoarding, fence or awning is to be removed when the work has been completed.

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

24 The rainwater tank 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 Construction 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 that 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.

Swimming Pools

- 26 All excavated material associated with the construction of the swimming pool shall be disposed of at a site which lawfully accepts the material. Details of the disposal location are to be provided to the Certifying Authority prior to the issue of the Construction Certificate. Evidence of lawful disposal (i.e. tip receipts) is to be provided to the Principal Certifying Authority prior to the issue of the Occupation Certificate.
- 27 When the swimming pool construction has reached a stage where the pool is capable of holding water, the pool area shall be restricted from access in accordance with AS 1926 "Swimming Pool Safety". Restriction of access to the pool area shall also comply with the Swimming Pools Act 1992.
- 28 At all times, the swimming pool is to be surrounded by a child-resistant barrier that:
- separates the swimming pool from any residential building situated on the premises and from any place (whether public or private) adjoining the premises, and
 - is designed, constructed, installed and maintained in accordance with the standards prescribed by AS 1926 "Swimming Pool Safety".
- 29 To promote pool safety awareness in the City and ensure that pool owners are actively ensuring the safety of all users of their pool, the "Backyard Pool Safety" package was developed in conjunction with Penrith City Council and State government agencies.

It is the pool owners' responsibility to purchase and read the information package prior to using the swimming pool (the package is available for purchase from Council's Civic Centre, 601 High Street, Penrith).

- 30 A sign must be erected in a prominent position in the immediate vicinity of the swimming pool and must:
- be erected in accordance with the provisions relating to instructional posters of the document entitled "Policy Statement No. 9.4.1: Guidelines for the Preparation of Posters on Resuscitation" published by the Resuscitation Council (a copy may be purchased from Penrith City Council's Civic Centre, 601 High Street, Penrith), and
 - bear a notice that contains the words "YOUNG CHILDREN SHOULD BE SUPERVISED WHEN USING THIS SWIMMING POOL", together with details of resuscitation techniques (for adults, children and infants) set out in the relevant provisions of the document entitled "Cardio Pulmonary Resuscitation" published by the Australian Resuscitation Council (a copy may be purchased from Penrith City Council's Civic Centre, 601 High Street, Penrith).
- 31 The swimming pool must be registered on the NSW Swimming Pool Register when it is capable of holding water and before the issue of an Occupation Certificate. The swimming pool is to be registered at www.swimmingpoolregister.nsw.gov.au or in person at Penrith City Council (a \$10 fee applies when registering at Council).
- 32 All backwash from the swimming pool shall be directed into the mains sewer.

In areas where sewer is not available, the following requirements apply:

- The swimming pool shall be provided with filtration equipment that does not require a backwash facility (e.g. a cartridge filtration system).
- Over spill water shall be diverted away from the swimming pool and not directed onto adjoining properties.
- The frequency of emptying of the swimming pool water shall be minimised. Water resulting from the emptying of the pool shall be collected and disposed of by a private wastewater disposal contractor. Disposal by other means is not permitted.

Engineering

- 33 Stormwater drainage from the site shall be discharged to a level spreader system, which discharges a minimum 10m from any septic disposal area, lot boundary or building on-site.

The stormwater drainage system shall be designed in accordance with Penrith City Council's Stormwater Drainage Specification for Building Developments Policy. 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 issued by the Principal Certifying Authority.

- 34 Prior to the issue of any Construction Certificate, the Certifier shall ensure that:

- (a) Off street access and parking complies with Penrith Development Control Plan 2014 and AS 2890.1.
- (b) The minimum clear internal width is 3.1m for single garages and 5.6m for double garages.

Landscaping

- 35 All landscape works are to be constructed in accordance with the stamped approved plans and relevant provisions of Penrith Development Control Plan 2014.

Landscaping shall be maintained:

- in accordance with the approved plans, 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.

- 36 The approved landscaping for the site shall be constructed by a suitably qualified and experienced landscape professional.
- 37 Upon completion of the landscape works associated with the development and prior to the issue of an Occupation Certificate for the development, an Implementation Report must be submitted to the Principal Certifying Authority attesting to the satisfactory completion of the landscaping works for the development. The report is to be prepared by suitably qualified and experienced landscape professional.

An Occupation Certificate should not be issued until such time as a satisfactory Implementation Report has been received. If Penrith City Council is not the Principal Certifying Authority, a copy of the satisfactory Implementation Report is to be submitted to Council together with the Occupation Certificate for the development.

- 38 All plant material associated with the construction of approved landscaping is to be planted in accordance with the Tree Planting Specification prescribed in Penrith Development Control Plan 2014.

39 All landscape works are to meet industry best practice and the following relevant Australian Standards:

- AS 4419 Soils for Landscaping and Garden Use,
- AS 4454 Composts, Soil Conditioners and Mulches, and
- AS 4373 Pruning of Amenity Trees.

40 Unless otherwise approved by this consent, existing landscaping and vegetation is to be retained and maintained at all times.

Section 94

41 This condition is imposed in accordance with Penrith City Council's Development Contributions Plan for Cultural Facilities. Based on the current rates detailed in the accompanying schedule attached to this Notice, **\$573.00 is to be paid to Council prior to a Construction Certificate being issued for this development** (the rates are subject to quarterly reviews). If not paid within the current quarterly period, this contribution will be reviewed at the time of payment in accordance with the adopted contributions plan. The projected rates of this contribution amount are listed in Council's Fees and Charges Schedule.

Council should be contacted prior to payment to ascertain the rate for the current quarterly period. The invoice accompanying this consent should accompany the contribution payment. The Development Contributions Plan for Cultural Facilities may be inspected at Council's Civic Centre, 601 High Street, Penrith.

42 This condition is imposed in accordance with Penrith City Council's Development Contributions Plan for District Open Space. Based on the current rates detailed in the accompanying schedule attached to this Notice, **\$6,287.00 is to be paid to Council prior to a Construction Certificate being issued for this development** (the rates are subject to quarterly reviews). If not paid within the current quarterly period, this contribution will be reviewed at the time of payment in accordance with the adopted contributions plan. The projected rates of this contribution amount are listed in Council's Fees and Charges Schedule.

Council should be contacted prior to payment to ascertain the rate for the current quarterly period. The invoice accompanying this consent should accompany the contribution payment. The Development Contributions Plan for District Open Space may be inspected at Council's Civic Centre, 601 High Street, Penrith.

43 This condition is imposed in accordance with Penrith City Council's Development Contributions Plan for Local Open Space. Based on the current rates detailed in the accompanying schedule attached to this Notice, **\$2,271.00 is to be paid to Council prior to a Construction Certificate being issued for this development** (the rates are subject to quarterly reviews). If not paid within the current quarterly period, this contribution will be reviewed at the time of payment in accordance with the adopted contributions plan. The projected rates of this contribution amount are listed in Council's Fees and Charges Schedule.

Council should be contacted prior to payment to ascertain the rate for the current quarterly period. The invoice accompanying this consent should accompany the contribution payment. The Development Contributions Plan for Local Open Space may be inspected at Council's Civic Centre, 601 High Street, Penrith.

Certification

- 44 Prior to the commencement of any earthworks or construction works on site, the proponent is to:
- (a) 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
 - (b) 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 6.6 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 6.6 of the Environmental Planning and Assessment Act 1979.

- 45 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

- 46 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",
 - AS 1547:2012,
 - Council's On-Site Sewage Management and Greywater Reuse Policy,
 - The current (at the time of installation) NSW Health Accreditation documentation,
 - The Soil and Site Assessment for On-Site Wastewater Management Report prepared by Harris Environmental Consulting, Ref. 4257WW, Version No. [1.0], dated 10 April 2021, 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.

- 47 All wastewater generated on the site is to be diverted to an Aerated Wastewater System (AWS) and be disposed of by way of surface irrigation in the approved effluent management area. The effluent management area is to be located in accordance with the stamped approved plans contained in the wastewater report prepared by Harris Environmental Consulting and have a minimum area of 695m².

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",
- AS 1547:2012,
- Council's On-Site Sewage Management and Greywater Reuse Policy, and
- The Soil and Site Assessment for On-Site Wastewater Management Report prepared by Harris Environmental Consulting, Ref. 4257WW, Version No. [1.0], dated 10 April 2021.

The system is to be utilised for a 4 bedroom dwelling in accordance with the Soil and Site Assessment for On-Site Wastewater Management Report prepared by Harris Environmental Consulting, Ref. 4257WW, Version No. [1.0], dated 10 April 2021. Any dwelling approval on the site greater than this may require a new wastewater report for Council's consideration.

- 48 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.

- 49 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.
- 50 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.
- 51 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.
- 52 There shall be no effluent run-off from the subject property to adjoining properties, public places or reserves.
- 53 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.
- 54 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,
- all pumps and switches,
- the air blower, fan or air venturi,
- the alarm system,
- the effluent disposal area and irrigation spray outlets,
- 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, and
- 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.

- 55 The contents of the existing septic tank are to be removed by a licensed waste contractor and deposited to an approved waste facility. The disconnected tank shall be removed, demolished or filled with clean soil and garden lime. Documentation of the collection and disposal of waste are to be retained and provided to Council on request.
- 56 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.
- 57 No concreting, driveways, vehicles or any other structure or access way is to be located over any portion of the effluent management area.

- 58 All stormwater and seepage shall be diverted away from the septic tank and the disposal area.
- 59 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.
- 60 Council is to be provided with an Annual Environmental Performance Report detailing the performance of the system including but not limited to the following information:
- Details and records of maintenance checks of disposal areas.
 - Copies of maintenance report sheets.
 - Results of effluent output testing.

The first Annual Environmental Performance Report is to be provided to Council 12 months after the system is commissioned.

- 61 Annual testing of effluent output is to occur for the following parameters:
- Total Nitrogen
 - Total Phosphorus
 - Faecal Coliforms
 - Biochemical Oxygen Demand
 - Total Suspended Solids

Effluent is to be sampled by a suitably qualified person and tested at a NATA accredited laboratory. The test results are to be provided to Council within 21 days of their receipt by the owner/operator. Testing is to occur at the stage of commissioning the system and every 12 months thereafter from the date of commissioning.

- 62 **Prior to the issue of a 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 certifying authority.

- 63 At no time is the swimming pool back wash to be directed to the on-site sewage management system.

- 64 A 100% reserve area is to be set aside for the on-site sewage management system. This area 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.

SIGNATURE

Name:	Sufyan Nguyen
Signature:	

For the Development Services Manager