

# PENRITH CITY COUNCIL

## FAST TRACK ASSESSMENT REPORT

<b>Application number:</b>	DA15/0274
<b>Proposed development:</b>	Dwelling & Swimming Pool
<b>Property address:</b>	9 - 13 Garswood Road, GLENMORE PARK NSW 2745
<b>Property description:</b>	Lot 4210 DP 1150762
<b>Date received:</b>	25 March 2015
<b>Assessing officer</b>	Christopher Hawkins
<b>Zoning:</b>	E4 Environmental Living - LEP 2010
<b>Class of building:</b>	Class 1a , Class 10a
<b>Recommendations:</b>	

### 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 Garswood Road approximately 90 west of the intersection with The Northern Road. It is 8570m<sup>2</sup> in area, is orientated in a north south, direction and has a (gentle slope from the rear to the street with a dam located in the south western corner.

An inspection of the site was undertaken on 13/4/2015 and the site is currently vacant.

The surrounding area is characterised by residential development on rural/ residential sized lots.

### Proposal

The proposed development involves:

- Construction of a single storey residential dwelling and swimming pool including parking, landscaping and associated drainage works

### Plans that apply

- Local Environmental Plan 2010 (Stage 1 LEP)
- Sydney Regional Environmental Plan No.20 - Hawkesbury Nepean River

- **Section 79C - Evaluation**

The development has been assessed in accordance with the matters for consideration under Section 79C of the Environmental Planning and Assessment Act 1979, and having regard to those matters, the following issues have been identified for further consideration:

### **Section 79C(1)(a)(i) The provisions of any environmental planning instrument**

#### **Local Environmental Plan 2010 (Stage 1 LEP)**

Provision	Compliance
Detailed Assessment - Appendix - Variation to Development Standard (This text will show in Appendix of your report)	
Additional permitted uses for particular land	N/A
Clause 1.2 Aims of the plan	Complies
Clause 2.3 Permissibility	Complies
Clause 2.3 Zone objectives	Complies
Clause 2.6 Subdivision - consent requirements	N/A
Clause 2.7 Demolition requires development consent	N/A
Clause 4.3 Height of buildings	Complies
Clause 4.4 Floor Space Ratio	N/A
Clause 4.5 Calculation of floor space ratio and site area	N/A
Clause 4.6 Exceptions to development standards	N/A
Clause 5.2 Classification and reclassification of public land	
Clause 5.3 Development near zone boundaries	
Clause 5.1 Relevant acquisition authority	N/A
Clause 5.10 Heritage conservation	N/A
Clause 5.11 Bush fire hazard reduction	N/A
Clause 5.12 Infrastructure development and use of existing buildings of the Crown	N/A
Clause 5.6 Architectural roof features	Complies
Clause 5.8 Conversion of fire alarms	N/A
Clause 5.9 Preservation of trees or vegetation	Complies
Clause 5.9AA Trees or vegetation not prescribed by development control plan	Complies
Clause 6.1 Earthworks	Complies
Clause 6.10 Villages of Mulgoa and Wallacia	N/A
Clause 6.11 Orchard Hills	N/A
Clause 6.12 Twin Creeks	N/A
Clause 6.13 Waterside Corporate	N/A

Clause 6.14 Development of land in the flight paths of the site reserved for the proposed Second Sydney Airport	N/A
Clause 6.2 Salinity	N/A
Clause 6.3 Flood Planning	N/A
Clause 6.4 Development on natural resources sensitive land	N/A
Clause 6.5 Protection of scenic character and landscape values	N/A
Clause 6.6 Servicing	Complies
Clause 6.7 Dwelling houses on certain land in Llandilo and Mulgoa	N/A
Clause 6.9 Mulgoa Valley	N/A

### **Sydney Regional Environmental Plan No.20 - Hawkesbury Nepean River**

An assessment has been undertaken of the application against relevant criteria with Sydney Regional Environmental Plan No 20—Hawkesbury-Nepean River (No 2—1997) and the application is satisfactory subject to recommended conditions of consent.

### **Section 79C(1)(a)(iii) The provisions of any development control plan**

#### **Development Control Plan 2010**

<b>Provision</b>	<b>Compliance</b>
Part B - DCP Principles	Complies
Part C 1 - Site planning and design principles	Complies
Part C2 - Vegetation management	Complies
Part C3 - Water management	Complies
Part C4 - Land management	Complies
Part C5 - Waste management	Complies
Part C6 - Landscape design	Complies
Part C7 - Culture and heritage	N/A
Part C8 - Public domain	N/A
Part C9 - Advertising and signage	N/A
Part C10 - Transport, access and parking	Complies
Part C11 - Subdivision	N/A
Part C12 - Noise and vibration	Complies
Part C13 - Infrastructure and services	N/A
Part D1, Chapter 1.1 - Rural character	Complies
Part D1, Chapter 1.2 - Rural dwellings and outbuildings	Complies - see Appendix - Development Control Plan Compliance
Part D1, Chapter 1.3 - Farm buildings	N/A
Part D1, Chapter 1.4 - Agricultural development	N/A
Part D1, Chapter 1.5 - Non-agricultural development	N/A

### **Section 79C(1)(a)(iv) The provisions of the regulations**

## **Section 79C(1)(b)The likely impacts of the development**

Likely impacts of the proposed development as identified throughout the assessment process include:

### **Impact raised in submissions**

N/A or comment

### **Impacts raised in referral comments**

Refer below

Other impacts identified in assessment

#### **(i) Context and Setting (environmental impacts and impacts on built environment)**

The proposal is consistent with the bulk, scale, colour and design of other development in the locality.

The development will have only minor impact on the amenity of the area and the streetscape.

The development is compatible with the surrounding and adjacent land uses.

It is considered the development will have no / or minimal impact on the amenity of the area in terms of Sunlight Access (overshadowing) / visual and acoustic privacy / views or vistas

The development will have no impacts on natural environment.

#### **(ii) Access and transport**

The development will have no or minimal impact on the local road system.

The existing / proposed access arrangements and car parking on site will be adequate for the development.

#### **(iii) Heritage**

The property is not subject to any Heritage Order or identified as a heritage item under a planning instrument.

#### **(iv) Soil**

The proposed development will have no impact on soil erosion and sedimentation:

Adequate sedimentation and erosion controls are proposed as part of the development.

#### **(v) Natural and Technological Hazards**

The development is not subject to flooding, subsidence or slip.

#### **(vi) Site Design**

The proposed development is sensitive to environmental conditions and site attributes:

The proposed development safeguards the health and safety of the occupants:

## **Section 79C(1)(c)The suitability of the site for the development**

The site is suitable for the following reasons:

The site is zoned to permit the proposed use

- The use is compatible with surrounding/adjoining land uses
- The grade of the site is suitable for the design proposed
- The site is able to drain to Council's satisfaction

## **Section 79C 1(d) Any submission made in accordance with this Act or the regulations**

In accordance with the Act and Regulations, consideration has been given to any necessary referrals and any submissions made.

#### **Community consultation**

In accordance with Clause 4.4 of Appendix F4 of Penrith Development Control Plan 2010, the proposed development did not have to be notified to nearby and adjoining residents.

## **Referrals**

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

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

#### **Environmental - Environmental management**

### **Section 79C(1)(e)The public interest**

The proposed development will not generate any significant issues of public interest.

## **Conclusion**

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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**

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1. That DA15/0274 for A residential dwelling and swimming pool at Lot 4210 DP1150762 (9-13) Garswood Road Glenmore Park, be approved subject to the attached conditions (Development Assessment Report Part B)

## General

### 1 A001 - Approved plans that are architecturally drawn

The development must be implemented substantially in accordance with the plans numbered 1601 pages 1 to 3, drawn by Distinct Innovations and dated February 2015, 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.

## Environmental Matters

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

(Note: To obtain a copy of the publication, you should contact Landcom on (02) 98418600).

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.

### 6 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.

## 7 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.

## 8 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.

## 9 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 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.

## 10 D014 - Plant and equipment noise

The operating noise level of the air-conditioning unit and swimming pool pump 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.

## 11 D014 - Plant and equipment noise

The operating noise level of the swimming pool filter 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 Operation Act 1997 apply to the development, in the terms of regulating offensive noise.

## 12 D Special BLANK

**Prior to the issue of a Construction Certificate**, details are to be submitted to, and approved by Council, that detail the system design specifications for the aerated wastewater treatment system proposed to be installed, as well as a NSW Accreditation Certificate for the system. Council's approval is to be obtained prior to the issue of the Construction Certificate.

## BCA Issues

### 13 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).

## Construction

### 14 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.

### 15 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).

16 [H009 - Cut / fill details \(amended from adopted Council version\)](#)

Cut and fill is limited to a maximum of 1 metre, in accordance with Penrith Residential Construction Works Development Control Plan.

17 [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.

18 [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.

19 [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.

20 [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.

21 [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.

22 [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.

## 23 H041 - Hours of work (other devt)

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 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.

## 24 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.

## Swimming Pools

### 25 J002 - Fencing when water in pool

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 AS1926 "Swimming Pool Safety". Restriction of access to the pool area shall also comply with the Swimming Pools Act, 1992.

### 26 J004 - Pool fence (residential)

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".

### 27 J010 - Pool board/ sign (add J009)

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 "CardioPulmonary Resuscitation" published by the Australian Resuscitation Council. (A copy may be purchased from Penrith City Council's Civic Centre, 601 High Street, Penrith).

## Engineering

### 28 K026 - Stabilised access

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

## 29 K041

An Infrastructure Restoration Bond is to be lodged with Penrith City Council for development involving works around Council's Public Infrastructure Assets. The bond is to be lodged with Council prior to the issue of a Construction Certificate. The bond is based upon the estimated value of the works with a bond of \$2750 payable for the subject development.

The bond is refundable once a final inspection has been carried out by Council's Works Department and the works have been completed to Council's satisfaction. The bond may be used to repair or reinstate any damage that occurs to Council's Public Infrastructure Assets as a result of the development works. Contact Council's City Works Department on 4732 7777 or visit website to obtain the form and request for final inspection.

## 30 K202 - Roads Act (Minor Roadworks)

Prior to the issue of a Construction Certificate a Roads Act application, including payment of application and inspection fees shall be lodged with Penrith City Council, as the Roads Authority, for the following works:

- a) Provision of a vehicular crossing/s.
- b) Opening the road reserve for the provision of services including stormwater.

All works within the road reserve shall be carried out in accordance with Penrith City Council's Design Guidelines and Construction Specification for Civil Works.

Penrith City Council (being the Roads Authority under the Roads Act) shall approve the works completed on or over the road reserve. Contact Council's **City Works Department** on (02) 4732 7777 to arrange an inspection of the works (and payment of inspection fees, if required).

## 31 K501 Roads Authority clearance

Prior to the issue of an Occupation Certificate, the Principal Certifying Authority shall ensure that all works within the road reserve have been inspected and approved 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 3 metres of 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 dwelling and swimming pool.

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 shall be installed and operated in accordance with the recommendations contained in the Wastewater Report "On-site Wastewater Assessment For Proposed Residential Dwelling on 9-17 Garswood Road, Glenmore Park [prepared by Harris Environmental Consulting, dated 23 March 2015 (ref: 1331 ww)] and the conditions of this consent.

**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 surface irrigation in the approved effluent management area. The effluent management area is to be located in accordance with the stamped approved wastewater report "On-site Wastewater Assessment For Proposed Residential Dwelling on 9-17 Garswood Road, Glenmore Park [prepared by Harris Environmental Consulting, dated 23 March 2015 (ref: 1331 ww)] and have a minimum area of 972m<sup>2</sup>.

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 "On-site Wastewater Assessment For Proposed Residential Dwelling on 9-17 Garswood Road, Glenmore Park [prepared by Harris Environmental Consulting, dated 23 March 2015 (ref: 1331 ww)]

The system is to be utilised for a 6 bedroom dwelling or daily wastewater load of 1050 litres in accordance with the wastewater report "On-site Wastewater Assessment For Proposed Residential Dwelling on 9-17 Garswood Road, Glenmore Park [prepared by Harris Environmental Consulting, dated 23 March 2015 (ref: 1331 ww)]. 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

43 [R107 - AWTS - Irrigation pipework \(surface or sub-surface\)](#)

All irrigation pipework and fittings shall comply with AS2698 "Plastic Pipes and Fittings for Irrigation and Rural Applications". In this regard:

- the irrigation system is not to be connected to/not capable of connection to the mains water supply,
- standard household fittings, soaker hoses, garden sprinklers and standard water hose fittings are not to be used,

Surface -

- all distribution lines of the irrigation system to any standpipe shall be buried to a minimum 100mm below finished surface level,
- spray irrigation equipment connected to distribution lines shall be fixed, and
- spray irrigation shall only use low pressure, low volume spray heads which are not capable of producing aerosols. The spray shall have a maximum plume height 400mm and a plume radius of not more than 2 metres.

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,
- 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,
- 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 **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.

50 **R118 - EMA protected from stock damage**

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

# Appendix - Development Control Plan Compliance

## Development Control Plan 2010

### D1 - Rural land uses

#### Site Coverage, Bulk and massing

The site is 8575m<sup>2</sup> and the building footprint ( including pool) is only 663m<sup>2</sup> being only 8% of the total site. This is negligible and does not impact over dominant the surrounding homes. The landscaped plan has been professionally designed by an accredited landscape designer Bio Engineering Solutions. The proposal is of a high standard of architecture and quality landscaping that is in context with the surrounding properties within the area. and a variation to the requirements of the DCP is supported.