

75-87 Dunheved Circuit, St Marys

Statement of Environmental Effects

Client: EMKC

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1 Introduction

This Statement of Environmental Effects (SEE) has been prepared by Elton Consulting on behalf of EMKC Pty Ltd. (the client) to support a Development Application (DA) for an industrial development at 75-87 Dunheved Circuit, St Mary's (the Site).

This SEE has been prepared under Part 4 of the *Environmental Planning and Assessment Act 1979* (EP&A Act), the *Environmental Planning and Assessment Regulation 2000* (EP&A Reg) as well as the requirements of Penrith City Council (Council). It includes a detailed description of the site and the proposal, and an assessment of the proposal against the relevant matters for consideration under Section 4.15 of the EP&A Act.

This SEE is based on, and to be read in conjunction with, the accompanying documentation listed in **Table 1** below.

Table 1 Supporting Plans and Documentation

Document	Prepared by	Date
Architectural Plans	ЕМКС	14.05.2021
Bushfire Assessment Report	Cool Burn Fire and Ecology	27.04.2021
Clause 4.6 Variation Request	Elton Consulting	21.05.2021
Biodiversity Development Assessment Report	Eco Planning	18.05.2021
Environmental and Geotechnical Site Assessment	WSP	03.05.2021
Landscape Plans	Geoscapes Landscape Architects	18.05.2021
QS Report	Berkowitz & Associates Quantity Surveyors	14.05.2021
Civil Drawing (inc. Sediment and Erosion Plan and Stormwater Plans)	van de Meer Consulting	17.05.2021
Traffic and Car Parking Impact Assessment	EB Traffic Solutions	14.05.2021
Waste Management Plan	SALT	21.04.2021

2 **Site analysis**

2.1 Site description and context

The Site is located in St Marys, within the Penrith Local Government Area (LGA) and is zoned IN1 – General Industrial. The Site is situated approximately 50km west of the Sydney CBD, 28km west of Parramatta and 30km northwest of Liverpool. The Site is within close proximity to transport infrastructure routes being 4.8km to St Marys Station, as well as sharing direct links with the wider regional road network, including Richmond Road, the Great Western Highway and the M4 Motorway to the south (see **Figure 1**).

Subject Site

Minimum In
Nepton Place
Nepton Place
North Place
Nor

Figure 1 Site context

Source: ePlanning Spatial Viewer, 2021

The proposed DA relates to 75-87 Dunheved Circuit, St Marys (legally described as Lot 2 DP1175850), see **Figure 2**. The Site is irregular in shape, relatively flat and comprises a total area of 4ha.

Figure 2 Aerial identification of the Site



Source: Sixmaps 2021

The Site supports mostly cleared land with sparse vegetation along the eastern and southern boundaries. An unnamed 1st order watercourse is located approximately 20m south of the Site; the watercourse feeds into South Creek, located some 400m west of the Site.

The proposed works relate to the southern portion of the site, comprising a total area of 2.02ha (see **Figure 3**).

Figure 3 Development site



Source: Sixmaps, 2021

The north eastern corner of the site is currently used as a carpark for the northern adjoining Jaybro Geosynthetics storage yard. Aerial imagery indicates that the remaining land (subject of this DA) has been mostly vacant since 2009, except for the occasional storage and parking of cars for short periods of time (primarily from 2019-2020).

Figure 4 Street view of development site



Source: Google maps, 2021

2.2 **Surrounding development**

The Site is located within an industrial/commercial area with surrounding properties predominantly used for warehouse, office and light industrial purposes. No current residential properties are identified within 500m of the site. Immediately adjacent land uses are identified below in **Table 2**.

Table 2 Adjacent land uses

To the North:

The Jaybro Geosynthetics storage facility is located directly north. Beyond, there are further commercial/industrial allotments.

Figure 5 Jaybro storage facility north of the Site



Source: Google Maps, 2021

To the East:

Dunheved Circuit followed by a commercial/industrial premise. Beyond there are further commercial/industrial allotments.

Figure 6 Industrial premises east of the Site



Source: Google Maps, 2021

To the South:

A gravel road off Links Road, followed by a tributary of South Creek. Beyond there are further commercial/industrial allotments.

Figure 7 Christie St industrial and commercial premises south of the Site



Source: Google Maps, 2021

To the West:

Dunheved Golf Course with a tributary of South Creek, followed by South Creek and bushland.

Figure 8 Dunheved Golf Course west of the Site



Source: Google Maps, 2021

3 **Proposed development**

This development application seeks approval for a PVC piping storage and distribution facility comprising the following:

- » Warehouse building and two-storey ancillary office
- » At-grade car parking for a total of 53 cars
- » Underground detention basin along the western boundary of the Site
- » Miscellaneous ancillary structures (e.g. awnings, silos, pump room etc.)
- » Landscaping, paving and fencing of the site.

Access to and from the on-site car park will be provided via a central two-way access from Dunheved Circuit, located approximately midway along the site's eastern frontage. Access for commercial vehicles will be provided via a separate entry access located adjacent to the site's northern boundary and a separate exit access located adjacent to the site's southern boundary.

The proposed warehouse use will operate on weekdays between 6am and 6pm and on Saturdays between 7am and 12 noon. The warehouse will be closed on Sundays.

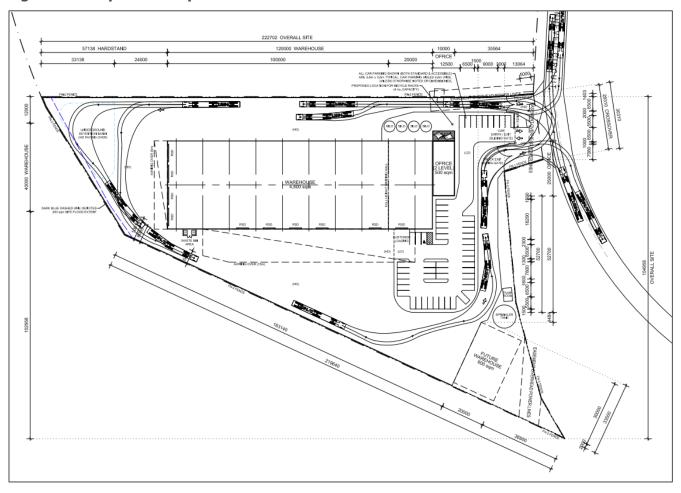
Refer **Figure 9-12** for plans which illustrate the site layout and built form.

Figure 9 Proposed site layout



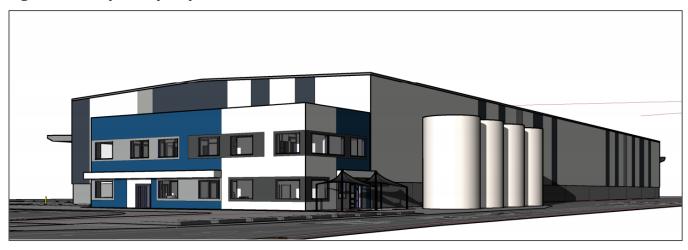
Source: EMKC, 2021

Figure 10 Proposed site plan



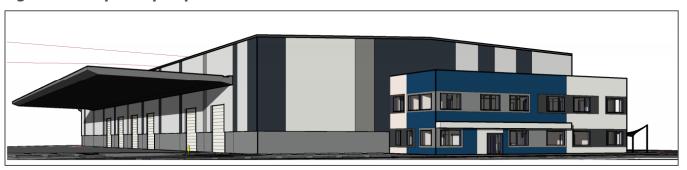
Source: EMKC, 2021

Figure 11 Proposed perspective – street view north east



Source: EMKC, 2021

Figure 12 Proposed perspective – street view south east



Source: EMKC, 2021

4 Statutory framework

The relevant sections of the statutory framework with respect to this application are addressed below.

4.1 Environmental Planning and Assessment Act 1979

The proposal has been assessed against the relevant matters for consideration under Section 4.15 of the EP&A Act as set out in the table below and detailed in **Section 4** of this report.

Table 3 Matters for consideration (Section 4.15 requirements)

	evant matter for sideration	Comment
		ion, a consent authority is to take into consideration such of the following matters as ne subject of the development application
(a)	The provisions of:	
(i)	Any environmental planning instrument, and	This SEE provides an assessment against the relevant Environmental Planning Instruments (EPIs) including State Environmental Planning Policies (SEPPs) and the <i>Penrith Local Environmental Plan 2010</i> (PLEP 2010). Refer to Sections 4.3-4.5 of this report.
(ii)	Any proposed instrument that is or has been the subject of public consultation under this Act and that has been notified to the consent authority	There are no draft EPIs relevant to the proposal.
(iii)	Any development control plan, and	This SEE provides and assessment against the Penrith Development Control Plan 2014. Refer to Section 4.6 of this report.
(iiia _,) Any planning agreement that has been entered into under section 7.4 or any draft planning agreement	There are no known Voluntary Planning Agreements (VPAs) that have been proposed or entered into that are relevant to the site.
(iv)	The regulations (to the extent that they prescribe matters for the purposes of this paragraph)	The relevant matters under the EP&A Regulation 2000 that relate to the proposed development are contained within Part 6 (procedures relating to DAs). It is understood that Council will undertake assessment of the proposed development in accordance with this component of the EPA Reg. 2000.
(b)	The likely impacts of that development, including environmental impacts on both the natural and built environments, and social and economic impacts in the locality	An assessment of the likely impacts of the proposed development has been undertaken in Section 5 of this report.
(c)	The suitability of the site for development,	The site is suitable for the proposed development as demonstrated in Section 5 of this report.
(d)	Any submissions made in accordance with this Act or the regulations	The DA will be notified and placed on public exhibition in accordance with Council requirements. All reasonable submissions will be considered as part of the assessment.
(e)	The public interest	The proposed development is generally within the public interest as demonstrated in Section 5 of this report.

4.2 **Biodiversity Conservation Act 2016**

The NSW *Biodiversity Conservation Act 2016* (BC Act) establishes the biodiversity assessment requirements for proposed developments and land use change. Part of the BC Act establishes an offsets scheme that aims to ensure there is no net loss of biodiversity values. Triggers that require land clearing to enter the Biodiversity Offsets Scheme (Biodiversity Conservation Regulation 2017 [BC Reg]) are as follows:

- State Significant Development (SSD) if a future development of a site is determined to be SSD, Secretary's Environmental Assessment Requirements ('SEARs') would be issued for the project, requiring that biodiversity impacts related to the proposed development be assessed using the Biodiversity Assessment Method (BAM) and documented in a Biodiversity Development Application Report, and/or;
- » Clearing thresholds the amount of native vegetation clearance in relation to the minimum lot size is used to determine whether entry into the BAM is triggered, and/or;
- » Biodiversity Values Land Map proposed development is said to exceed the biodiversity threshold where it involves the clearing of native vegetation on land included in the Biodiversity Values Map, and/or;
- Significant impact A Test of Significance (in accordance with Part 7.3 of the BC Act) is required for development proposals that do not trigger the Biodiversity Offsets Scheme (BOS). If the Test of Significance indicates that there is likely to be a significant impact, the proponent must carry out an assessment in accordance with the BAM.

Previous surveys of the subject land conducted by Ecoplanning (dated 5 November 2020) identified a small patch (0.08 ha) of the Threatened Ecological Community River-flat Eucalypt Forest and the vulnerable species *Grevillea juniperina* subsp. *juniperina* (Juniper-leaved Grevillea). Given that the proposal includes impacts to these entities, the proposal triggers 'significant impact' and subsequently, application of the Biodiversity Offset Scheme. As a result, application of the BAM by an accredited person, for the purposes of a Development Application, must be documented within a Biodiversity Development Application Report (BDAR).

Ecoplanning have been engaged to prepare a BDAR to document the predicted impacts to biodiversity as a result of the proposed development. The BDAR describes the outcome of the development assessment case conducted consistent with the BAM; the details of which are discussed in **Section 5.1.3** of this report.

4.3 **State Environmental Planning Policies (SEPPs)**

The proposed development has been assessed against all SEPPs; the following SEPPs were found to be applicable to the proposed development.

4.3.1 State Environmental Planning Policy No 55 – Contaminated Land

Under Clause 7 of SEPP No. 55 Council must not consent to the carrying out of any development on land unless it has considered whether the land is contaminated, and if the land is contaminated, that Council is satisfied that the land is suitable in its contaminated state (or will be suitable after remediation) for the purpose that development consent is sought.

A review of current and former land uses found no uses which would give rise to potentially significant contamination. Aerial imagery indicates that the site has been mostly vacant since 2009, except for the occasional storage and parking of cars for short periods of time (primarily from 2019-2020). A review of current and former land uses near the Site was also undertaken, to identify any potential sources of contamination which could adversely impact the subject Site. A number of surrounding sites had either been notified to the NSW EPA as potentially contaminated sites, had records of either former or current notices issued by the NSW EPA or were carrying out activities that were licenced under the POEO Act. However, this finding is not unexpected and is characteristic of IN1: General Industrial land zoning.

4.3.2 State Environmental Planning Policy (Infrastructure) 2007

Clause 104 of the *State Environmental Planning Policy (Infrastructure) 2007* (ISEPP), provides for certain proposals, known as Traffic Generating Development, to be referred to NSW Roads and Maritime Services (now Transport for NSW or TfNSW) for concurrence.

Schedule 3 lists the types of development that are defined as Traffic Generating Development. The referral thresholds for 'Warehouse or distribution centres' are:

8,000m² in site area or (if the site area is less than the gross floor area) gross floor area – for sites with access to a road.

The site attains an area of approximately 2.02ha. It is therefore expected that the application will be referred to TfNSW for concurrence.

4.4 State Regional Environmental Plan No 20 – Hawkesbury Nepean River (No 2 – 1997)

The Sydney Regional Environmental Plan No 20 – Hawkesbury-Nepean River (No 2 – 1997) aims to protect the environment of the Hawkesbury-Nepean River system by ensuring that the impacts of future land uses are considered in a regional context. The subject Site is recognised as "Regional significance" pursuant to the SREP (see **Figure 13**).

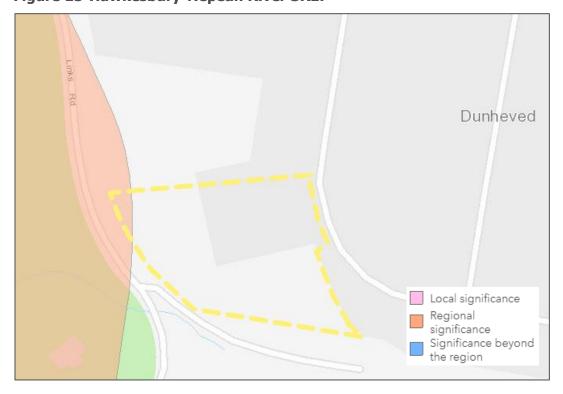


Figure 13 Hawkesbury-Nepean River SREP

Source: ePlanning Spatial View, 2021

Consent is required in areas shown as being regional significance for the following works:

- » Subdivision,
- » Clearing
- » Erection of a structure greater than 50sqm in area or over 1-storey in height

» Carrying out of works for the purpose of stabilising the riverbank.

The closest surface water receptor is a tributary of South Creek located approximately 60m from the south western boundary of the Site. The tributary appears to have been modified and has earthen and concrete lining. The tributary travels west before flowing into South Creek, approximately 400m west of the Site. South Creek eventually meets with the Hawkesbury River, approximately 17km to the north west of the Site.

Proposed works are limited to the southern portion of the Site, falling outside of the area identified as regional significance pursuant to the SREP. Any future works on the northern portion of the Site will need to demonstrate compliance with the requirements of the SREP.

Notwithstanding, the visual impact of the proposed development is assessed in **Section 5.1.6**; demonstrating that the proposed development minimises visual impact on scenic land west of the site.

4.5 Penrith Local Environmental Plan 2014

The proposed development is assessed against the *Penrith Local Environmental Plan 2010* (PLEP 2010). Consideration of the relevant clauses are provided below.

Clause 1.2 Aims of Plan

The PLEP 2010 aims to make LEP provisions for land in the Penrith LGA in accordance with the relevant standard EPIs under Section 3.20 if the EP&A Act. The proposed development is generally consistent with the aims of the LEP, demonstrated as follows:

- » The proposed development will not impact on residential amenity; no current residential properties are identified within 500m of the Site
- » No detrimental impact on environmental values or heritage of the Penrith LGA is anticipated as a result of the proposed development
- » The proposed development encourages business development, employment opportunities and economic growth without additional assumption of sensitive land areas.

Clause 2.1 Land use zones

The subject site is zoned IN1 General Industrial pursuant to the PLEP 2010 (refer **Figure 14**). *Warehouse or Distribution Centres* are permitted with consent in the IN1 Zone. Warehouse or Distribution Centres pursuant to the PLEP are defined as:

a building or place used mainly or exclusively for storing or handling items (whether goods or materials) pending their sale, but from which no retail sales are made, and includes local distribution premises.

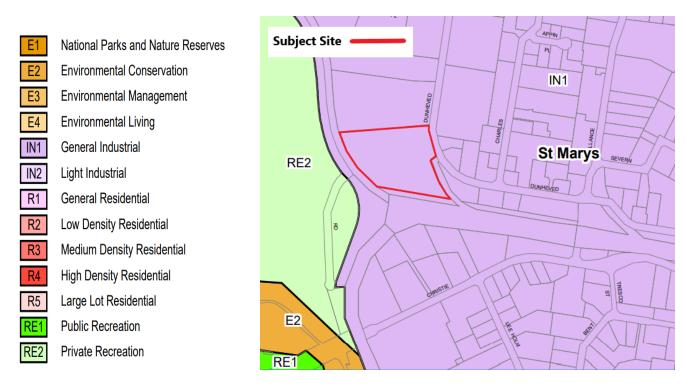
Considerations of the IN1 zone aims is provided in Table 4 below.

Table 4 Aims of the IN1 General Industrial Zone

Objectives of the IN1 Zone	Compliance
To provide a wide range of industrial and	Complies.
warehouse land uses	The proposed development provides for an industrial/warehouse use.
To encourage employment opportunities	Complies.
	The proposed development will provide for additional employment opportunities.
To minimise any adverse effect of industry on other land uses	Complies.

Objectives of the IN1 Zone	Compliance
	The Site is located in a predominantly industrial/commercial area. No current residential properties are identified within 500m of the site.
	No impact on the ongoing use of Dunheved Golf Course to the west is anticipated as a result of the proposed development.
To support and protect industrial land for	Complies.
industrial uses	The proposed development provides for an industrial use consistent with the surrounding area.
To promote development that makes	Complies.
efficient use of industrial land	In its existing state, the Site comprises an underutilised industrial site. The proposed development will result in activation of the Site, providing for the storage and distribution of PVC piping.
To permit facilities that serve the daily	N/A
recreation and convenience needs of the people who work in the surrounding	The proposed development is for industrial purposes.
industrial area	Private and public recreation zoned land is located west and south of the subject Site which can accommodate uses to serve the people who work in the surrounding area.

Figure 14 Zoning map



Other relevant clauses

The following table summarises the relevant planning considerations based from the PLEP 2010.

Table 5 Relevant PLEP 2010 controls

able 5 Relevant PLEP 2010 Controls		
Clause	Assessment	
Clause 4.3 Height of Buildings	The Site is subject to a maximum building height of 12m pursuant to the PLEP 2010 (refer Figure 15).	
	Figure 15 Height of buildings map	
	Subject Site Maximum Building Height (m)	
	A 0	
	C 5	
	8.5	
	SEVERW 6	
	K 10	
	M1 12	
	M2 12.5	
	In the state of th	
	The development proposes a maximum overall height of 13m. A Clause 4.6 variation request has been prepared to support the DA confirming that strict compliance with the standard is unnecessary and unreasonable in this case and there are sufficient environmental planning grounds to justify contravening the standard. Refer accompanying Clause 4.6 Variation Request for detailed assessment and justification of the breach.	
Clause 4.4 Floor Space Ratio	The Site is not subject to a maximum FSR under Clause 4.4 of the PLEP 2010.	
Clause 5.10 Heritage Conservation	The Subject Site has not been identified as containing any Historic (European) Heritage and/or Aboriginal Cultural Heritage items of significance; nor are there any heritage items located in vicinity of the site.	
Clause 5.11 Bushfire Hazard Reduction	The Site is subject to bushfire prone land (Vegetation Category 2 and Vegetation Buffer) along the southern boundary of the Subject Site.	
	Pursuant to section 4.14 of the EP&A Act, Council must be satisfied prior to making a determination for development on bush fire prone land, that the development complies with the document <i>Planning for Bush Fire Protection</i> produced by the NSW Rural Fire Service (RFS).	
	A Bushfire Assessment Report prepared by Cool Burn (dated 27 April 2021) is submitted with the DA and is discussed further in Section 5.1.2 of this report.	
Clause 7.2 Flood Planning	The site is not identified as falling within a 'flood planning area', pursuant to the Flood Planning Map of the PLEP 2010.	

Clause

Assessment

Clause 7.5 Protection of Scenic Character and Landscape Values

The southern portion of the site is identified as "Land with scenic and landscape values" pursuant to the PLEP 2010 (refer **Figure 16**).

Figure 16 Scenic and landscape values map



Development consent must not be granted for any development on such land unless the consent authority is satisfied that measures will be taken to minimise the visual impact of the development from major roads and other public places.

Visual impact of the proposed development is undertaken in **Section 5.1.6** of the report, demonstrating that the proposed development minimises visual impact on scenic land west of the site.

In summary, visual impact of the proposed development is considered acceptable on the following grounds:

- The proposed development is on relatively flat land and the proposed development conforms to natural landscape
- » The prevailing pattern of development in the vicinity is industrial and the development will not detract from the streetscape character
- » The visual impact when viewed from the public domain, including Dunheved Golf Club and Links Road will be minimal given the strategic siting and orientation of the development which minimises the bulk and scale when viewed from these scenic protection areas.

Accordingly, the proposal meets the objectives of the Clause and is acceptable in this regard.

Clause 7.6 Salinity

A review of the Department of Infrastructure, Planning and Natural Resources, Salinity Potential in Western Sydney 2002 map indicates that the site is situated in an area of high salinity potential which appears to be associated with a localised drainage point into South Creek.

Very little site disturbance is anticipated in construction of the proposed development and the site is considered appropriate for the intended use. Further, the Environmental and Geotechnical assessment completed by WSP did not identify any characteristics that would constrain future development of the proposed warehouse facility.

Accordingly, the proposed development is considered to adequately address the requirements of Clause 7.6 of the PLEP 2010.

4.6 **Penrith Development Control Plan 2014**

The Penrith DCP is a non-statutory document which supplements the Penrith LEP and applies to the site. The DCP includes more comprehensive planning controls to provide a framework and guidance about development matters across the Liverpool LGA.

The proposed development has been designed in accordance with the provisions of the DCP and is considered to be compliant with the requirements; demonstrated in **Table 6** below.

Table 6 Relevant DCP controls

Clause	Controls/Requirements	Compliance
C1 Site Planning and Design Principles		
1.2 Key Areas with Scenic and Landscape Values	New proposals on land identified in the LEP Scenic and Landscape Values Map (including gateway sites) or on land zoned E1 National Parks and Nature Reserves or E2 Environmental Conservation, are to submit a visual impact assessment with their development application.	Complies. Visual impact of the proposed development is undertaken in Section 5.1.6 of the report, demonstrating that the proposed development minimises visual impact on scenic land west of the site.
C2 Vegetation N	lanagement	
2.3 Bushfire Management	This section applies to land identified on the Bushfire Prone Land Map. The key objectives and controls to address bushfire risk are not set out in this Plan but are incorporated into the Rural Fire Service publication entitled Planning for Bushfire Protection 2006 (PBP) (as amended), as well as the Rural Fires Act 1997 and the Environmental Planning and Assessment Act 1979.	Complies. A Bushfire Assessment Report prepared by Cool Burn is submitted with the DA and is discussed further in Section 5.1.2 of this report. The report concludes that the location and design for the proposed industrial warehouse facility meets the aims and objectives of PBP 2019 and can demonstrate compliance with the acceptable solutions for 'other development' PBP 2019.
C3 Water Manag	gement	
3.6 Stormwater Management and Drainage	Runoff must not be discharged into bushland areas, including threatened ecological communities.	Complies. The proposed drainage discharge point is located along the western boundary of the site; far removed from identified native vegetation towards the south-eastern corner of the site. Refer the accompanying stormwater plans prepared by van de Meer Consulting for more information.
	Permeable ground surfaces are to be maintained as far as possible, and where suitable conditions exist, stormwater is to be infiltrated on-site.	Complies. Permeable surfaces are maintained as far as possible; however due to nature of the proposed use a large majority of the site is paved to ensure heavy vehicle articulation throughout the site.
C5 Waste Management		

Clause	Controls/Requirements	Compliance
5.1 Waste Management Plans	Applicants are to submit a Waste Management Plan when lodging a development application for construction of buildings.	Complies. A Waste Management Plan (WMP) has been prepared by SALT and accompanies this SEE demonstrating compliance with this requirement.
5.2.4 Non- Residential Development Controls	Waste storage and collection areas should be: » Flexible in their design so as to allow for future changes in the operation, tenancies and uses » Located away from primary street frontages, where applicable » Suitably screened from public areas so as to reduce the impacts of noise, odour and visual amenity » Designed and located to consider possible traffic hazards (pedestrian/vehicular) likely to be caused by the storage and collection of waste.	Complies. A Waste Management Plan (WMP) has been prepared by SALT and accompanies this SEE demonstrating compliance with these requirements.
C10 Transport,	Access and Parking	
10.5.1 Parking	Parking rates for Warehouses or distribution centres, including ancillary office is 1 space per 100m2 of gross floor area. 5,300sqm GFA proposed = 53 Spaces	Complies. A total of 53 spaces will be provided on the site.
	Car space dimensions must comply with the	Complies.
	relevant Australian Standards.	The parking spaces have been provided with the dimensions of 2.6 m in width and 5.5 m in length with a minimum aisle width of 6.5 m, which complies with the requirements stipulated in AS 2890.1:2004.
	Provision of parking spaces for disabled persons should be in accordance with the Access to Premises Standards, the Building Code of Australia and AS2890.	Complies. Reference to the Building Code of Australia indicates that there is a requirement for one of the parking spaces to be an accessible parking bay; which is satisfied by the development's proposed parking provision of 53 spaces, inclusive of an accessible space. The accessible space has been provided at a width of 2.6 m and a length of 5.5 m with an adjacent shared space provided at a width of 2.6 m with a bollard located centrally within the shared space offset by 800 mm from the edge of the accessway. Which complies with AS 2890.6:2009.

Clause	Controls/Requirements	Compliance
	All vehicles must be able to enter and leave	Complies.
	the site in a forward direction without the need to make more than a three point turn.	The swept path analysis undertaken on the layout plan shows that the staff and visitors are able to safely enter the car park, access all spaces to then exit from the car park in a forward manner.
	The design of car parks should ensure	Complies.
	adequate separation of staff/visitor parking and loading dock circulation areas for heavy vehicles.	Access for commercial vehicles is provided via a separate entry and exit. Loading and circulation areas for heavy vehicles is separated from the designated staff/visitor car parking area.
	Access, parking, manoeuvring and loading	Complies.
	facilities for commercial and industrial development shall be in accordance with AS 2890.2 - 2004 and accommodate vehicle types as outlined in Table C10.3. Table C10.3: Minimum design vehicle requirements for commercial and industrial developments - minimum design vehicle requirements	Reference to the swept path analysis included in the Traffic and Car Parking Assessment indicates that a 26 m B-Double articulated vehicle can safely enter the entry access, circulate around the warehouse to the position of the position o
	Site Area Design Vehicle Up to 1,500m² Medium Rigid Vehicle (MRV)	then exit from the development site in a forward manner to Dunheved Circuit.
	1,500m² to 4,000m² Heavy Rigid Vehicle (HRV) Greater than 4,000m² Articulated Vehicle	
D4 Industrial De	evelopment	
4.1 Key	The Site is located in Industrial Precinct 1:	Complies.
Precincts	Dunheved/St Marys (north of Christie St). This Section of the DCP provides different controls for each of the precincts.	DCP controls for Industrial Precinct 1: Dunheved/St Marys (north of Christie St) are addressed below.
4.3 Building	9 metre minimum building setback required.	Complies.
Setbacks and Landscape	Setback areas are to be landscaped, but may incorporate an off-street parking area if it can be demonstrated that the location of the car parking area:	The proposed warehouse is setback some 35m from Dunheved Circuit. The setback area incorporates an off-street at-grade car parking area. The off-street car parking area:
	» Is within a setback which is at least 13m wide and set behind a landscaped area which is at least 4m wide	» Is within a setback exceeding 13m in width
	» Promotes the function and operation of	» Is screened by landscaping in excess of 4m in width
	 the development Enhances the overall design of the development by implementing design elements, including landscaping, that will 	Promotes the function and operation of the proposed development, providing safe and convenient access to the primary entrance of the building
	screen the parking area and is complementary to the development	» Is of similar layout to several existing industrial/commercial premises in vicinity of the site; and therefore, does not detract from the streetscape values of the locality.
	 Does not detract from the streetscape values of the locality. 	

Clause	Controls/Requirements	Compliance
	Visual Impact of Buildings and Hardstand Areas: » The landscape design within setbacks should consider the scale of the building and where appropriate, select and locate plants to help reduce the bulk and scale of the building. » Where an industrial development contains large expanses of hardstand or paved areas, the applicant must demonstrate how the development application reduces the 'heat effect' and visual impact of these large expanses.	Complies. Rows of single tree planting to island beds of the car park provide shading with an understorey shrub planting and groundcovers together supporting screening of the car park in the front setback. Planting along the eastern boundary provides additional screening from Dunheved Circuit
4.4 Building Design	The development must incorporate a variety of external finishes in terms of both colour and type of material used. Development applications for new buildings or additions to existing buildings are to be accompanied by a Schedule of External Finishes and Colours, demonstrating compliance with the above requirements.	Complies. The proposed development incorporates a variety of external materials and colours as demonstrated in the Material Finishes Schedule found in the accompanying Architectural Drawings.
	Any office and administration component is to be located to the main frontage of the building and be designed as an integral part of the overall building, rather than a 'tack on' addition.	Complies. The ancillary office is located on the main frontage of the warehouse building, overlooking and directly-accessible from the off-street car parking area incorporated
	The main office administration component is to have a designated entry point that is highly visible and directly accessible from visitor parking and the main street frontage.	within the primary street setback.
	The entry, design and layout of the main office or administration component is to consider the principles of Universal Design.	Complies. The proposed development is able to comply with this requirement
	All loading areas should be located towards the rear of allotments. Where possible, loading areas should be screened from the view of main road frontages through physical and/or vegetation screening.	Complies. Loading areas are provided to the southern and western elevations and not readily visible from the primary street frontage.
	Non-residential developments including mixed use developments, with a construction cost of \$1 million or more are to demonstrate a commitment to achieving no less than 4 stars under Green Star or 4.5 stars under the Australian Building Greenhouse Rating system (now part of the National Australian Built Environment Rating System (NABERS)).	Complies. The development is able to comply with this requirement.

Clause	Controls/Requirements	Compliance	
4.5 Storage of Materials and Chemicals	External storage of goods must be avoided, wherever possible. Where the nature of the activity or the materials means that internal storage is impractical, all external storage areas must be located behind the front building setback.	Complies. There will be no external storage of goods or chemicals on the Site.	
	Rainwater tanks are not to be visually intrusive from the main street frontage or other public areas.	Complies. Rainwater tanks are located towards the northern boundary and are not readily visible from Dunheved Circuit or other public areas.	
4.6 Accessing and Servicing the Site	Industrial development shall, where appropriate, be designed to: > Allow all vehicles to enter and leave the site in a forward direction > Accommodate heavy vehicle parking and manoeuvring areas > Avoid conflict with staff, customer and visitor vehicular and cycle movements > Ensure satisfactory and safe operation with the adjacent road system.	 Swept path analysis indicates that: Staff and visitors are able to safely enter the car park, access all spaces to then exit from the car park in a forward manner A 26 m B-Double articulated vehicle can safely enter the entry access, circulate around the warehouse to then exit from the development site in a forward manner. Layout plans indicate that sight line triangles are able to be provided on either side of the accessway to provide exiting motorists a clear view of pedestrians on the footpath of the frontage road (and vice versa). 	
	Full details of the volume, frequency and type of vehicle movements shall be submitted with the development application.	Complies. The level of traffic anticipated to be generated at the development access points is considered minimal and will not represent any adverse impact upon the operation of the surrounding road network or the amenity of the adjacent precinct.	
	Car parks, aisles and manoeuvring areas shall be designed with function and safety in mind, and have minimum dimensions conforming with the Australian Standards 2890 Parking Facilities.	Complies. The car park, aisles and manoeuvring areas have been designed to satisfy the requirements in Australian Standards 2890 Parking Facilities.	
	Adequate space is to be provided within the site for the loading, unloading and fuelling (if applicable) of vehicles. These areas shall be screened from the road.	Complies. Adequate loading/unloading areas are provided on Site	

Clause	Controls/Requirements	Compliance	
4.7 Fencing	Fencing may be positioned along the front property boundary only if: » The site is not located on, facing or fronting: » Andrews Road, Castlereagh Road, Christie Street, Forrester Road, Great Western Highway, Mulgoa Road, Old Bathurst Road, Parker Street or any other classified road or major road » The main road or collector road of the industrial precinct » It is decorative fencing that has an open style appearance (metal, pool type fencing) » The fencing is complementary to the landscaping.	Complies. Dunheved Circuit is not stipulated in the DCP and is a local road. 1.8m high black garrison fencing is provided to the street frontage. Similar black garrison fencing is provided to existing industrial/commercial premises along Dunheved Circuit.	
	Where site security is required, fencing shall be constructed of black plastic coated 'Chain-link' fence or an approved alternative such as a metal palisade type fence. The overall height of fencing shall be no more than 2.4m. 'Chain-link' or similar fences are not suitable to the site frontage.	Complies. 1.8m high black chain link fence with an additional three rows of barbed wire above (total height of 2.1m) is provided to remainder of the perimeter for site security.	
	For fencing behind the building setback line, Council will consider: » Solid fencing up to a height of 2m » Fencing up to a maximum of 2.5m (measured from natural ground level), provided that any fencing above 2m is of an open style		
4.8 Lighting	Lighting details shall be provided as part of any relevant development application.	Complies. It is considered that the proposed development can readily comply with the with Australian Standard AS4282. This detail has not been provided as this can be enforced by condition of consent.	
	All lighting shall comply with Australian Standard AS4282.	Complies. It is considered that the proposed development can readily comply with this requirement.	

5 **Assessment of impacts**

The proposed development has been assessed against the requirements of Section 4.15 of the EP&A Act as detailed below.

5.1.1 **Bushfire**

Aim

The Site is subject to bushfire prone land (Vegetation Category 2 and Vegetation Buffer) along the southern boundary of the Subject Site, and upon further investigation, the highest bushfire threat to the proposed facility is remnant woodland area to the south.

Cool Burn Fire and Ecology (Cool Burn) have been engaged to provide a Bushfire Assessment Report to satisfy the guidelines and standards of *Planning for Bushfire Protection 2019* (PBP 2019).

The industrial warehouse facility is considered as "other" development and a Class 7b structure under the National Construction Code (NCC). PBP 2019 identifies 'other non-residential' development which includes commercial uses, industrial uses, infrastructure and development. The NCC does not provide for any bushfire specific performance requirements for these particular classes of building. As such the Australian Standard for Construction of Buildings in Bushfire Prone Areas (AS3959) and the National Association for Steel-framed Housing (NASH Standard) are not considered a set of 'deemed to satisfy' provisions. Whilst bushfire is not captured in the NCC for Class 5-8 buildings, the proposed industrial warehouse facility was assessed against the specific objectives and performance criteria of PBP 2019 and is set out below in **Table 7**.

Comment

Table 7 Compliance with the aims and objectives of PBP 2019

The aim of PBP is to use the NSW development assessment system to provide for the protection of human life (including fire fighters) and to minimise impacts on property from the threat of bushfire, while having due regard to development potential, onsite amenity and the protection of the environment.	The proposed development complies with PBP 2019. The location of the industrial warehouse facility has considered bushfire risk and applied bushfire protection measures to mitigate the risk		
Objectives	Comment		
Afford occupants of any building adequate protection from exposure to a bushfire.	The proposed development is suitably setback from bushfire hazard		
Provide for defendable space to be located around buildings.	Defendable space inherent in surrounding landscape and design		
Provide appropriate separation between a hazard and buildings, which, in combination with other measures, prevent direct flame contact and material ignition.	The general fire safety construction provisions and specifications are taken as acceptable solution to avoid material ignition		
Ensure that safe operational access and egress for emergency service personnel and occupants is available.	Access and egress for emergency vehicles and evacuation can meet the requirements of PBP		
Provide for ongoing management and maintenance of bushfire protection measures, including fuel loads, in the asset protection zone	The facility purpose and general operational arrangements would satisfy this objective		
Ensure that utility services are adequate to meet the needs of firefighters (and others assisting in bushfire fighting)	Existing and proposed services would satisfy this objective		
In summary, findings of the assessment are as follows:			

In summary, findings of the assessment are as follows:

- The design incorporates a heavy vehicle thoroughfare at the perimeter of the warehouse (suitable for B-Double vehicles), and which provides an acceptable defendable space for any emergency operations, including firefighting. Subsequently, no specific APZ are required.
- » The general fire safety construction provisions of the NCC are taken as acceptable solutions (no specific bushfire protection construction requirements apply to this industrial facility).
- » The bushfire assessment has taken into consideration the existing and proposed access and water provisions, and emergency management response. It is determined the location and design for the proposed industrial warehouse facility meets the aims and objectives of PBP 2019 and can demonstrate compliance with the acceptable solutions for 'other development' PBP 2019.

5.1.2 **Biodiversity Development Assessment Report**

The proposed development will include direct impacts to 0.09 ha of PCT 835 – Forest Red Gum - Rough-barked Apple grassy woodland and therefore, triggers the Biodiversity Offset Scheme. As a result, application of the BAM, for the purposes of a Development Application, within a BDAR has been undertaken by Ecoplanning. As detailed in the following sub-headings, the BDAR includes field assessment of existing vegetation, impact of the proposed development on native vegetation and habitat, potential mitigation measures and the credits required to offset the proposal.

Existing Vegetation

In accordance with Section 4.1 of the BAM, the extent of native vegetation was identified and mapped across the subject site.

Field assessment of vegetation communities conducted as part of the BDAR identified 0.09 ha of PCT 835 Forest Red Gum - Rough-barked Apple grassy woodland. The mapping in this report differed slightly to previous mapping (Ecoplanning 2020), increasing the area of PCT 835 by 0.01 ha. Although Forest Red Gum - Rough-barked Apple grassy woodland was identified within the subject land, it was in a highly degraded condition, likely due to historic land clearing.

One species of threatened flora (*Grevillea juniperina* subsp. *Juniperina*) was also identified as having a presence within the subject land.

The remaining 1.98 ha was covered by "Exotic grassland" (1.56 ha) and "Cleared land" (0.42 ha). Patches that did not support native vegetation included areas of exotic grasses in areas where clearing had historically occurred.

Impact to native vegetation and habitat

The proposed development will include direct impacts to 0.09 ha of PCT 835 – Forest Red Gum - Rough-barked Apple grassy woodland in a 'disturbed' state. The direct clearing and subsequent development of the subject land would represent a permanent impact.

Indirect impacts may include, but are not limited to, noise pollution and erosion associated with the construction of the proposed development. The project is considered unlikely to reduce viability of any adjacent native vegetation or habitat due to edge effects, noise, dust, or light spill as these impacts are already occurring within the area, as much of the area has been cleared and developed as an industrial estate.

Mitigating and managing impact on biodiversity values

The complete avoidance of impacts is considered impractical on the Site. Multiple measures will be implemented to mitigate and manage direct and indirect impacts where possible, including preparation of a Construction Environmental Management Plan (CEMP) and appropriate preclearance protocols.

The proposal will retain a small area of native vegetation, including Forest Red Gum – Rough-barked Apple grassy woodland (Plant Community Type [PCT] 835) (equivalent to River-flat Eucalypt Forest) and *Grevillea juniperina*

subsp. *juniperina*, in the eastern corner of the development site (refer **Figure 17**). The area will be improved through weed management and revegetation of species characteristic of the PCT.

Legend
Subject land
Propse ad day elopment
Native garden
Infrastrucute

Data produced: 30 April 2021
Projection: CDA 94 UGA Zone 56

0 25 50
Metres

ecoplianning

Figure 17 Retained native vegetation – eastern corner

Source: EcoPlanning, 2021

Biodiversity Offset Scheme

Vegetation zone 1 (associated with PCT 835) will require offsetting as it is associated with category A listed in Section 9.2.1 of the BAM. Additionally, in accordance with Section 9.2.2 of the BAM, the species polygon associated with *Grevillea juniperina* subsp. *juniperina* will require offsetting, this area totals 0.09 ha.

Impacts to areas identified as 'exotic dominant' within the subject land were not assessed in this report because they cannot be characterised as a native vegetation community, no native vegetation community has a description which includes exotic or invasive species.

The ecosystem credits required to offset the proposal and achieve 'no net loss standard' as established by the BAM is set out in **Table 8** below. The total cost of impacts to PCT 835, should the Biodiversity Conservation Trust (BCT) be used to offset the impacts, are at the time of the BDAR report (6 April 2021) is estimated to be \$24,307.14 (inc. GST and admin. costs).

Table 8 Ecosystem credits summary and credit profiles

Veg zone	Plant community Type	Price per credit	Credits required	Total credit cost (inc. GST)
1	PCT 835 Forest Red Gum – Rough-barked Apple grassy woodland	\$22,097.40	1	\$22,097.40
	Total (inc. GST)		1	\$24,307.14

Additionally, a total of one (1) credit for *Grevillea juniperina* subsp. *juniperina* (Juniper-leaved Grevillea) is required to offset impacts to the habitat of this species within the subject land. The total cost of *G. juniperina* subsp. *juniperina*, should the Biodiversity Conservation Trust (BCT) be used to offset the impacts, are currently (30 April 2021) estimated to be \$54.59 (ex. GST).

5.1.3 **Stormwater**

Civil Engineering Plans have been prepared by van de Meer Consulting and accompany this SEE. The Plans detail proposed stormwater management for the site and proposed development; including measures for addressing overland flow, stormwater harvesting and site discharge.

The Civil Engineering Plans also detail erosion and sediment control measures for the proposed development.

5.1.4 **Landscaping**

A detailed Landscape Concept Plan has been prepared for the proposed development by Geoscapes Landscape Architects. Landscaping proposed across the site, while not extensive due to the nature of the proposed use, supports the requirements of the Penrith DCP as well as the recommendations of the BDAR (**Figure 18**). In summary:

- » A small area of native vegetation will be retained in the south-eastern corner of the site. The area will be improved through weed management and additional revegetation planting as identified by Ecoplanning
- » Rows of single tree planting to island beds of the car park provide shading with an understorey shrub planting and groundcovers together supporting screening of the car park in the front setback
- » Planting along the eastern boundary provides additional screening from Dunheved Circuit
- » The location of the future warehouse and outdoor area adjacent to the office are to be turfed.

PROPOSID OSD

PROPOSID OSD

WAREHOUSE

MARGISTAND

PROPOSID FUTURE WAREHOUSE

SITE BOUNDARY

STER BOUNDARY

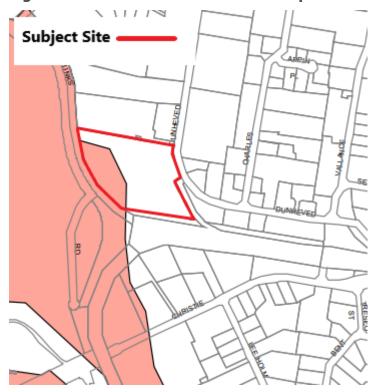
Figure 18 Landscape Concept Plan

Source: Geoscapes Landscape Architects

5.1.5 **Visual impact**

The southern portion of the site is identified as "Land with scenic and landscape values" pursuant to Clause 7.5 - Protection of scenic character and landscape values of the PLEP 2010 (refer **Figure 19**).

Figure 19 Scenic character and landscape values map - PLEP 2020



Development consent must not be granted for any development on such land unless the consent authority is satisfied that measures will be taken to minimise the visual impact of the development from major roads and other public places.

The subject site is visible from Links Road (**Figure 20**) which falls within a Scenic and Landscape Values Protection Area.

Figure 20 View of the western frontage of the Site from Links Road



Source: Google maps, 2021

Visual impact of the proposed development is considered acceptable on the following grounds:

» The proposed development is on relatively flat land and the proposed development conforms to natural landscape

- » The prevailing pattern of development in the vicinity is industrial and the development will not detract from the streetscape character
- » The visual impact when viewed from the public domain, including Dunheved Golf Club and Links Road will be minimal given the strategic siting and orientation of the development which minimises the bulk and scale when viewed from these scenic protection areas.

Accordingly, the proposal meets the objectives of the Clause and is acceptable in this regard.

5.1.6 **Traffic and parking**

A Traffic and Car Parking Assessment has been completed by EB Traffic Solutions and accompanies this SEE. This report sets out an assessment of the traffic and parking implications of the proposed development, with specific consideration of the following:

- » The existing conditions and a description of the proposal
- » Assessment of the development's car parking requirements
- » Adequacy of the on-site car parking supply to accommodate the proposal's car and bicycle parking requirement
- » Assessment of the adequacy of the car park layout
- » Traffic impact of the proposal.

Key findings of the assessment are detailed below:

- » Car Parking Considerations:
 - Application of the car parking requirements to the proposed development results in a requirement of 53 spaces, one of which is required to be an accessible parking bay, which is satisfied by the development's proposed parking provision of 53 spaces, inclusive of an accessible space
 - > The parking spaces (inclusive of the accessible space), accessway, sight lines, and headroom clearance have been informed by and comply with the requirements stipulated in AS 2890 Parking Facilities.
 - > Reference to the swept path analysis indicates that:
 - Staff and visitors are able to safely enter the car park, access all spaces to then exit from the car park in a forward manner
 - A 26 m B-Double articulated vehicle can safely enter the entry access, circulate around the warehouse to then exit from the development site in a forward manner to Dunheved Circuit.
- » Traffic Impact:
 - > The level of traffic anticipated to be generated at the development access points is considered minimal and will not represent any adverse impact upon the operation of the surrounding road network or the amenity of the adjacent precinct.

Accordingly, the proposed development is considered satisfactory from a transport and traffic perspective.

5.1.7 **Waste Management**

A Waste Management Plan (WMP) has been prepared by SALT and accompanies this DA. The WMP demonstrates the way in which waste will be dealt with during construction of the proposed development as well as ongoing waste management once the proposed development is operational.

Refer to accompanying WMP for an estimate of the types and volumes of waste and recyclables to be generated and Architectural Plans showing storage areas and the vehicle access to these areas.

5.1.8 **Social and economic**

The proposed development is not expected to create any adverse social or economic impacts but has the potential to have a positive impact on the area.

The proposed development will provide a range of economic and community benefits including:

- » It encourages business development, employment opportunities (during construction and ongoing operation) and economic growth without additional assumption of sensitive land areas
- » It contributes to economic viability of the St Marys Industrial Precinct through utilisation of vacant land.

5.2 **Site suitability**

The site is suitable for the proposed development in that:

- The proposed distribution centre is permissible with consent in the IN1 Zone and generally complies with the development standards of the Penrith LEP.
- » The proposed development is consistent with the objectives of the Penrith LEP and DCP
- » The Site is located within an industrial/commercial area with surrounding properties predominantly used for warehouse, office and light industrial purposes. No current residential properties are identified within 500m of the Site
- » Technical investigations demonstrate the site is suitable for the proposed development and adverse impacts can be managed.

5.3 **Public interest**

The proposal is generally in the public interest, as:

- » It is permissible use within the zone in which it is located
- » It encourages business development, employment opportunities and economic growth without additional assumption of sensitive land areas
- » The proposed development is not anticipated to impact or impede on surrounding land uses.

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6 Conclusion

The SEE has been prepared in accordance with the requirements of the EP&A Act, EP&A Regulation and the requirements of Council. It includes a detailed description of the site and the proposal, and an assessment of the proposal.

This SEE demonstrates that:

- The proposal is generally consistent with the controls in the relevant SEPPs, the Penrith LEP and DCP and intended use of the site
- » Technical investigations demonstrate the site is suitable for the proposed development and adverse impacts can be managed
- » The proposed development is in the public interest and will have a range of positive social and economic benefits, namely:
 - > It encourages business development, employment opportunities and economic growth without additional assumption of sensitive land areas
 - > The proposed development is not anticipated to impact or impede on surrounding land uses
 - > It contributes to economic viability of the St Marys Industrial Precinct through utilisation of vacant land.

Having considered all the relevant matters, we conclude that the proposal represents a sound development outcome and is therefore recommended for approval.

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