Design and Landscape Plan

Flyers Creek Wind Farm

Document I.D: IIAU-EPL-FLCGE65-0002

25th August 2023

Prepared for: Iberdrola (Australia)

Document history and status

Rev	Date	Description	Author	Reviewed	Approved
E	12/08/2020	Issued for Approval	Brett Rodgers	Brian Treacy; Nic Fusca (QA)	Peter Logan
F	25/08/2023	Inclusion of the Final Switching Station Landscape Plan and respective approval issued by DPE.	Cynthia do Nascimento	Damien Wagner	Nick Vavladellis

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ACTIVITY	DESCRIPTION	REFERENCES
1. GENERAL INFORMATION		
1.1 Purpose	The Flyers Creek Wind Farm (FCWF) is an approved 38 turbine wind farm located approximately 20 kilometres (km) south of Orange in the Blayney Shire and Cabonne Shire local government areas in Central West New South Wales. Project Approval was granted on 14th March 2014 (MP 08_0252) and there have been five subsequent planning modifications approved since this date. This Design and Landscape Plan (DALP) has been prepared under Condition of Approval (CoA) D26 to guide the development and maintenance of landscaping across the Project area in providing buffers and measures to address the visual impacts arising out of the location and construction of infrastructure associated with the development of the FCWF.	-
1.2 Conditions of Approval (CoA)	This Plan and its associated management measures have been prepared to comply with CoA D26 and also covers the following CoAs: • D21 Use of indigenous and locally occurring species • D22 Visual appearance • D24 Substation, and • D24A Switching Station.	Project Approval (MP 08_0252)
1.3 Scope	This DALP includes design treatments for screening visual impacts and includes: • Landscape design • Planting selection, installation, maintenance, and monitoring measures, and • Treatment and finishes associated with windfarm infrastructure. This DALP will guide and inform Project Managers, Supervisors, Construction Personnel, Subcontractors and relevant stakeholders in the development and management of design and landscaping elements associated with the development.	-
1.4 Consultation	Consultation on this Plan will be undertaken with: • Blayney Shire Council, and • Cabonne Council Comments and feedback received during consultation will be incorporated into this plan where appropriate. Details of the consultation associated with this Plan are available in Appendix A .	Appendix A Consultation Record
1.5 Design and Landscape Plan Certification and Approval	This DALP has been prepared by Pamela Fletcher - Registered Landscape Architect, member number 867, Australian Institute of Landscape Architects, practicing since 1982. This DALP required by CoA D26 is required to be submitted for approval by the Secretary of the Department of Planning and Environment (DPE) prior to commencement of construction or as otherwise agreed by the Secretary.	-
1.6 Distribution	A controlled hard copy of this DALP will be maintained and reside at the Project construction site office. Approved copies of this DALP and supporting documentation will be distributed to the Project team, all relevant personnel and interested third parties as required. It will also be available to view on the Project website: http://infigenenergy.com/our-assets/owned-renewable-energy-assets/flyers-creek-wind-farm/	-

ACTIVITY	DESCRIPTION		REFERENCES

1.7 Reference Documents	The DALP applies to all design and landscape requirements for the Project and has been informed by the following:
	• Conditions of Approval;
	• Project Environmental Impact Statement prepared by Aurecon, 2011, specifically:
	  ○ Chapter 9 – Visual
	  ○ Chapter 10 – Fauna and Flora
	  ○ Appendix C1a – Visual Assessment
	  ○ Appendix C1b – Visual Assessment
	  ○ Appendix C1c – Visual Assessment, and
	  ○ Appendix D – Fauna and Flora Assessment.
	• Flora and Fauna Assessment Modification 3 to approved Flyers Creek Wind Farm, Central Tablelands, NSW prepared by Kevin Mills and Associates date 2017.
	• Modification 4 Planning Application prepared by Flyers Creek Wind Farm Pty Ltd, 27 July 2019:
	  ○ Appendix C – Visual Impact Assessment, and
	  ○ Appendix J – Biodiversity Impact Assessment.
	• Minor Modification 5 Application Report prepared by Flyers Creek Wind Farm Pty Ltd, 09 July 2021:
	  ○ Appendix C – Biodiversity Development Assessment Report (BDAR).
			-

2. DEFINITIONS AND ABBREVIATIONS			
2.1 Definitions	Associated Residencies	Any residence on privately owned land where the owner has reached a commercial or in kind agreement with Flyers Creek Wind Farm Pty Ltd.	-
	Client and or Proponent	Flyers Creek Wind Farm Pty Ltd (FCWFPL)	
	Inspection	Review or check on the environment requirements being implemented.	
	Non-Associated Residence	Any residence on privately owned land where the owner has not entered into a commercial or in kind agreement with FCWFPL.	
	Obligation	A legal relationship between two entities in which one entities' right is the other entities' duty.	
	Project	Flyers Creek Wind Farm Project	
2.2 Abbreviations	APZ	Asset Protection Zone	-
	CASA	Civil Aviation Safety Authority	
	DALP	Design and Landscape Plan (this Plan)	
	DPE	Department of Planning and Environment	
	DPE	Department of Planning, Industry and Environment	
	Cbop	Civil Balance of Plant	
	CoA	Conditions of Approval	
	eBOP	Electric Balance of Plant	
	EE	Essential Energy	
	EEC	Endangered Ecological Community	
	EA	Environmental Assessment	
	EP&A	Environmental Planning and Assessment	
	FCWF	Flyers Creek Wind Farm	
	HV	High Voltage	
	IEC	International Electrotechnical Commission	
	IPA	Inner Protection Area (part of an APZ)	
	LGA	Local Government Area	

ACTIVITY	DESCRIPTION		REFERENCES
	MOS	Manual of Standards	
	NSW	New South Wales	
	O&M	Operation and Maintenance	
	OH	Overhead	
	SSD	State Significant Development	
	TBC	To be Confirmed	
	WTG	Wind Turbine Generator	

ACTIVITY	DESCRIPTION	REFERENCES
3. PROJECT INFORMATION		
3.1 Project Background and Description	Flyers Creek Wind Farm Pty Ltd (the Proponent) forms part of the Infigen Energy corporate group (Infigen). Infigen Energy is a developer, owner and operator of generation assets delivering energy solutions to Australian businesses and large retailers. The FCWF is an approved 38 wind turbine wind farm located approximately 20km south of Orange NSW. The Project is located predominantly in the Blayney Shire local government area with part of the proposed 132 kilovolt transmission line and switching station being located in Cabonne Shire local government area (LGA). Project approval MP 08_0252 was granted under Part 3A of the Environmental Planning and Assessment Act 1979 (NSW) (EP&A Act) to the Proponent for the Project by the NSW Planning and Assessment Commission on 14th March 2014. The Project Approval has been modified five times since originally being granted and was transitioned to State Significant Development (SSD) on 6th July 2018. The Project approval authorises the construction and operation of a wind farm and associated infrastructure including access tracks, local road infrastructure upgrades and electrical connections between the turbines (underground cable reticulation, also underground and aboveground powerlines), an on-site substation (inclusive of switch room, control room and auxiliary services building) and a 132-kilovolt transmission line and switching station to connect the Project to the grid.	-
3.2 Conditions of Approval	This Plan has been prepared to comply with the CoA, dated June 2019 and specifically the requirements of CoA D26 as listed in Table 1 Conditions of Approval. Table 1 Conditions of Approval	-

CoA	Condition	Refer to Section within this plan
D26	A Design and Landscaping Plan shall be prepared to outline measures to ensure appropriate development and maintenance of landscaping on the site to achieve adequate landscape buffers and address the visual impacts arising from the Project, including turbines, site access roads and associated above ground infrastructure, as far as is feasible and reasonable. The Plan shall be prepared by a qualified landscape architect and where relevant meet any requirements of the Councils. The Plan shall include design treatments for the turbines and ancillary infrastructure, including, but not necessarily limited to	Section 1
	a) landscape elements and built elements, including proposed treatments, finishes and materials of exposed surfaces (including colour specifications);	Section 4 Section 5 Appendix B Appendix C
	b) Lighting	Section 4
	c) a schedule of species to be used in landscaping	Section 5 Appendix B
	d) details of the timing and progressive implementation of landscape works	Section 5
	e) procedures and methods to monitor and maintain landscaped areas.	Section 5 Appendix D
D21	Landscaping works to reduce the visual impact of the Project shall generally comprise of indigenous and locally occurring species	Section 5 Appendix B Appendix C

ACTIVITY	DESCRIPTION			REFERENCES
	D22	The Proponent must:	Section 4.1	
		(a) minimise the off-site visual impacts of the project	Section 4.1	
		(b) ensure the wind turbines are: ○ painted off white/grey, unless otherwise agreed by the Secretary; and ○ finished with a surface treatment that minimises the potential for glare and reflection;	Section 4.1 Section 5.1	
		(c) ensure the visual appearance of all ancillary infrastructure (including paint colours) blends in as far as possible with the surrounding landscape; and	Section 4.1	
		(d) not mount any advertising signs or logos on wind turbines or ancillary infrastructure.	Section 4.1	
	D24	The substation and associated facility site shall be designed and constructed to minimise visual intrusion to the nearest sensitive receivers as far as feasible and reasonable including appropriate external finishes to minimise glare or reflection, landscape planting to screen views and external lighting requirements in accordance with condition D25.	Section 4.1 Appendix B	
	D24A	Prior to commencement of the construction of the switching station, the Proponent must submit a copy of the final layout plan for the switching station to the Secretary for approval. This plan must outline the proposed measures to minimise the visual impacts of the switching station on any non-associated residences in the vicinity of the switching station, including retaining existing vegetation buffers in and adjoining the forest to screen views of the switching station or planting additional screening around the switching station.	Section 4.1 Appendix C Appendix E	

4. WIND FARM DESIGN TREATMENTS – MATERIALS, FINISHES, TREATMENTS AND LIGHTING

4.1 Materials and Finishes

Material finishes used in the key structures associated with the wind farm have been selected in accordance with the following standards:

- Wind Turbine Generators (WTG) – International Electrotechnical Commission (IEC) Standard No 61400;
- Substation and Switching Station – Essential Energy (EE) Standard as specified in Design Information – Generic EE October 2013; and
- HV Transmission Elements – Essential Energy Standard as specified in Design Information – Generic EE October 2013.

There shall be no mounting of advertising signs and logos on WTGs or ancillary infrastructure.

Table 2 below outlines structures associated with the wind farm and their materials, finishes and treatments.

Table 2 Materials, Finishes and Treatments

Structure	Material Type	Finish	Treatments
Wind Turbines:			
Tower	Tubular steel	RAL 7035 (light grey) 30-60 gloss units measured at 60º as per ISO	Anti-glare
Rotor blades	Steel		
Nacelle	Steel		
hub	Steel		
Met Monitoring Masts			
Met masts	Steel	Obstacle markings in accord with Manual of Standards (MOS) 139	

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ACTIVITY	DESCRIPTION				REFERENCES
	Switching station:				
	• Various internal electrical components: • a single storey control building • switch bays and transformers • a communication pole • lightning masts • water tank • security fencing including a palisade fence and internal chainmesh fence. • Perimeter fence	• Internal electrical materials as per EE Specifications • Predominantly steel wall/roof structures • Steel masts, tanks and fencing	• Internal electrical finishes as per EE specification • External finishes on single storey Switching Station painted/powder coated with a dark and visually recessive colour.		
	Substation:				
	• Various internal electrical components: • a single storey control building • switch bays and transformers • a communication pole • lightning masts • water tank • security fencing including a palisade fence and internal chainmesh fence. • Perimeter fence	• Internal electrical materials as per EE Specifications • Predominantly steel wall/roof structures • Steel masts, tanks and fencing	• Internal electrical finishes as per EE specification • External finishes on single storey Substation painted/powder coated with a dark and visually recessive colour.		
	Operations and Maintenance (O&M) Building				
	Single or separate buildings	Predominantly steel wall/roof structures	Painted Colourbond		
	OH Transmission Line				
	• Support structures • Insulators • Conductor	• Steel • Polymer • Aluminium alloy	None		

ACTIVITY	DESCRIPTION	REFERENCES
4.2 Lighting	The majority of the wind farm will not require lighting installations. For safety and operational requirements, lighting will be installed in accordance with the Australian Standard 'Control of the obtrusive effects of outdoor lighting' (AS4282-1997). Table 3 outlines the requirement for lighting installations associated with the wind farm development. Table 3 Lighting Requirements	-

Structure	Lighting Requirements
Wind Turbine Generator (WTGs)	No significant lighting requirement No aviation hazard lighting requirement stipulated by Civil Aviation Safety Authority (CASA). Low intensity lighting may be installed above doorway entrance into tower and used at night for safety and operational requirements.
Substation Switching Station O & M Building	Lighting will be installed in the control room, substation, and switchyard areas, to be available if / when these are accessed at night-time in accordance with safety and operational requirements. It is not expected that the substation will be manned at night during normal operations. Emergency lighting will be installed to enable emergency maintenance operations to be undertaken safely at night-time. All lighting will be directional and shielded installations in accordance with the Australian Standard 'Control of the obtrusive effects of outdoor lighting'(AS4282-1997).
Met Masts	Nil
OH Transmission	Nil

5. PROJECT LANDSCAPE WORKS

5.1 Onsite Landscape Design and Layout	Given the scale of wind farm development, there are limited opportunities to provide feasible mitigation of visual impacts through onsite landscape works. In relation to the switching station, the extent of overhead infrastructure, particularly at the northern end of the switching station limits any opportunity to screen views using on-site landscaping given the vegetation management requirements for energy operators. In relation to the substation the EA established that there are no sight lines from non-associated residences with landform and existing vegetation providing screening for associated residences in Errowanbang Road. Table 4 provides an overview of the key wind farm infrastructure and elements associated with the proposed on-site landscape screening options. Table 4 Landscape Screening Options for FCWF Infrastructure	-

Infrastructure	**On Site Screening Feasibility**	**Details**
Wind turbines	**Nil**	Due to the scale (max tip height 160m) there are no feasible landscaping options for onsite plantings to achieve mitigation of potential visual impacts. Land around the footings and crane pads will be rehabilitated through decompaction and the re-spreading of the preserved topsoil containing existing seed bank stock and propagules associated with the pre-disturbance vegetation communities
Meteorological Monitoring Towers	**Nil**	Due to the scale, there are no feasible landscaping options for onsite plantings to achieve mitigation of potential visual impacts.

ACTIVITY	DESCRIPTION			REFERENCES
	Site Entry Points	Landscaping and rehabilitation	Landscaping will be undertaken consisting primarily of pasture grass and rehabilitation through decompaction and the re-spreading of the preserved topsoil containing existing seed bank stock and propagules associated with the pre-disturbance vegetation communities.	
	Access Roads	Landscaping and rehabilitation	Landscaping will be undertaken consisting primarily of pasture grass and rehabilitation through decompaction and the re-spreading of the preserved topsoil containing existing seed bank stock and propagules associated with the pre-disturbance vegetation communities.	
	OH Transmission Line	Nil	Due to the scale, there are no feasible landscaping options for onsite plantings to achieve mitigation of potential visual impacts. Additionally, there are requirements to maintain separation between vegetation and OH transmission cables.	
	Underground Transmission Line	Nil	Being underground the disturbed cable route will largely be rehabilitated through the re spreading of the preserved topsoil containing existing seed bank stock and propagules associated with the pre-disturbance vegetation communities.	
	Temporary Site Compounds, Laydown and Office	Landscaping and rehabilitation	Landscaping will be undertaken consisting primarily of pasture grass and rehabilitation through decompaction and the re-spreading of the preserved topsoil containing existing seed bank stock and propagules associated with the pre-disturbance vegetation communities.	
	Hardstand Areas	Landscaping and rehabilitation	Batters and embankments will be rehabilitated through respreading of the preserved topsoil containing existing seed bank stock and propagules associated with the pre-disturbance vegetation communities. Additional landscaping such as pasture grass will be completed where required in achieving a stabilised landform.	
	Substation & O&M	Landscaping and rehabilitation	Batters and embankments will be rehabilitated through respreading of the preserved topsoil containing existing seed bank stock and propagules associated with the pre-disturbance vegetation communities. Additional screen planting consistent with existing EEC community should be considered and undertaken following commissioning in providing any additional screening of views from Errowanbang Road as detailed in the Substation Landscape Plan, Appendix B.	
	Switching Station	Retention of existing plantation trees and rehabilitation	The extent of existing and proposed overhead infrastructure limits opportunities for planting given the clearance requirements determined by the energy operator. Visual screening will be limited to the retention of existing plantation trees where practicable in accordance with Asset Protection Zone and energy operator requirements. Refer to Switching Station Landscape Plan, Appendix C. Disturbance works will be further rehabilitated through decompaction and respreading of the preserved topsoil and seeding to achieve a stable landform.	

5.2 Timing of Landscape Treatment Works	Commencement of construction is scheduled to commence late 2020/early 2021. It is expected that the Wind Farm will operate for 30 years and will be decommissioned at the end of its operational life. Table 5 below provides an indicative program duration for the construction works construction works will be undertaken (subject to approval of all documentation) concurrently in accordance with the construction schedule which is to be determined during detailed design. It is envisaged that works will be ongoing from commencement for a period of around 18 - 24 months.	-

Table 5 Indicative Project Program

Activity	Duration (Weeks)
Collector Group 1 – Construct Access Points	14
Collector Group 1 – Access Road Construction	22
Collector Group 1 – Crane Hardstand Construction	18
Collector Group 1 – Turbine Foundations	20
Collector Group 1 – Backfill Foundation	9
Collector Group 1 – Cable Reticulation	22
Collector Group 2 – Construct Access Points	18
Collector Group 2 – Turbine Foundations	23
Collector Group 2 – Backfill Foundation	11
Collector Group 2 – Cable Reticulation	18
Collector Group 3 – Construct Access Points	8
Collector Group 3 – Access Road Construction	7
Collector Group 3 – Crane Hardstand Construction	8
Collector Group 3 – Turbine Foundations	15
Collector Group 3 – Backfill Foundation	7
Collector Group 3 – Cable Reticulation	14
Rehabilitation and reseeding	4
33KV Overhead Line Foundations	29
33KV Trenching and Underground Cable Installation	25
132KV Overhead Line Foundations	29
132KV Trenching and Underground Cable Installation	19
Substation Bench Works	12
Planting and Seeding	3
Switching Station Bench Works	10
Planting and Seeding	3
Collector Group 2 – Turbine Foundations	23

The program for implementation of proposed landscape treatments will be aligned with the Construction Program and integrated with the progressive rehabilitation works to stabilise and revegetate the disturbance footprint.

Given that optimal planting conditions do not align with requirements for establishing a stabilised landform during rehabilitation and implementation of landscape treatments the following principles for the timing of works should be applied:

- Planting and seeding of grasses should not occur in periods of extreme weather;
- Planting and seeding shouldn't be undertaken if site and soil conditions is very wet or very dry;
- Undertake consultation with landholders to incorporate consideration of grazing rotation and any additional protective measures such as fencing to ensure planting success; and
- Ensure availability of water and water cart or other means of applying irrigation in

ACTIVITY	DESCRIPTION	REFERENCES
	advance of proposed landscape and seeding works.	
5.3 Landscape Maintenance and Monitoring	All areas of landscape and pasture planting to be monitored for a period of 24 months. Monitoring of rehabilitation and landscape planting during the construction period is to occur as part of weekly general environmental site monitoring and compliance. Landscape and rehabilitative plantings should be checked regularly for plant health and weed infestation. Maintenance of landscaping and pasture planting will include: • Monitoring of plant establishment • Regular application of irrigation water to ensure plant health and establishment • Proactive emergent weed control and suppression (Refer to Attachment D for Weed Species and Treatments) • Replacement of failed planting and pasture • Monitoring of protective measures such as fencing and plant shields where utilised At the completion of the construction period the landscape and rehabilitation areas will be monitored at 3 monthly intervals. Monitoring during this phase will include: • Monitoring of plant establishment • Monitoring of weed infestation • Monitoring of protective measures such as fencing As a result of this monitoring any corrective actions to address plant establishment, weed infestation and effectiveness of protective measures will be implemented to ensure the success and establishment of the landscape works.	Appendix D
5.4 Plant Species	As with the Switching Station, the provision of any screening of significance or effectiveness in relation to the proposed Substation facility it is recommended that tree species be selected. Under CoA D21, the use of indigenous and locally occurring species is required. The locally occurring vegetation is described as Boxgum Woodland EEC and as noted above is located nearby. Table 6 Lists the native species found in the nearby Boxgum Woodland EEC which should be considered for landscape treatments. Table 6 Native Species	-

Species:	Common name	Expected mature height
Trees:		
Eucalyptus blakelyi	Blakely's Redgum	25m
Eucalyptus bridgesiana	Apple Box	25m
Eucalyptus goniocalyx	Long-leaved Box	15m
Eucalyptus melliodora	Yellow Box	30m
Shrubs:		
Acacia buxifolia	Box Leaf Wattle	1-4m
Acacia implexa	Hickory Wattle	5-12m
Acacia paradoxa	Kangaroo Thorn	1-4m
Cassinia aculeata	Common Cassinia	1-2.6m
Swainsona galegifoli	Smooth Darling Pea	1m
Grasses:		
Austrodanthonia sp	Wallaby Grass (locally occurring species)	<1m
Austrostipa scabra	Speargrass	1m
Lomandra filiformis	Wattle Mat Rush	0.5m
Poa sieberiana	Small Blue Tussock Grass	*1m*
Themeda asutralis	Kangaroo Grass	<1m

ACTIVITY	DESCRIPTION	REFERENCES
	The following table 7 identifies additional pasture * planting species to be considered for landscaping and rehabilitation. Table 7 Additional Pasture Planting Species **Species:** / **Common Name:** *Eragrostis leptostachya* — Paddock Lovegrass *Poa labillardierie* — Tussock Grass *Themeda triandra* — Kangaroo Grass Introduced *Dactylis glomerata* — Cocksfoot *Phalaris aquatica* — Phalaris *Trifolium subterraneum* — Sub Clover *Panicum decompositum* — Native Millet *Lolium perenne* — Perennial ryegrass *Trifolium repens* — White clover *Pasture planting will be selected based on landholder consultation.	
5.5 Record Keeping	The contractor shall maintain a documentation and record system in support of this DALP and monthly Project reporting requirements to enable review and auditing of management systems and procedures. The following records to be maintained: • Site Environmental Inspection Records • Incident Reports • Incident Register, and • Consultation Log.	-
5.6 Reporting	Reporting Monthly Reporting includes information on relevant landscape and planting data, summary and includes the reporting of any incidents and non-conformances.	-

Appendix A – Consultation Record

Date	Consultation	Comments
1st April 2020	Blayney Shire Council	Blayney Shire Council confirmed receipt of the DALP for consultation and have confirmed no comments applicable to the Plan (Email 04/05/20).
1st April 2020	Cabonne Shire Council	Cabonne Shire Council confirmed receipt of the DALP for consultation and have confirmed no comments applicable to the Plan (Email 21/04/20).

Megan Richardson

From: Mark Dicker <MDicker@blayney.nsw.gov.au>
Sent: Monday, 4 May 2020 8:43 AM
To: Megan Richardson
Cc: Brian Treacy (Nacap); May.Patterson@planning.nsw.gov.au
Subject: [EXTERNAL] RE: Flyers Creek - Management Plans

Hi Megan,

I forwarded all plans to all relevant personal within BSC, and have had no responses (besides Nathan's which you have).

I have also skimmed all of the plans and they seem ok to me.

Thanks Mark

Mark Dicker
Director Planning and Environmental Services
Blayney Shire Council
PO Box 62 Blayney NSW 2799
p - 02 6368 2104 | m - 0409 742 432 | e - MDicker@blayney.nsw.gov.au | w - www.blayney.nsw.gov.au

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From: Megan Richardson <Megan.Richardson@infigenenergy.com>
Sent: Thursday, 30 April 2020 4:14 PM
To: Mark Dicker <MDicker@blayney.nsw.gov.au>
Cc: Brian Treacy (Nacap) <b.treacy@quantaservices.com>; May.Patterson@planning.nsw.gov.au
Subject: RE: Flyers Creek - Management Plans

Mark,

Just a reminder to advise that tomorrow is the last day for any comments/feedback form Blayney Shire Council on the following Flyers Creek construction management plans:

- D26 Design & Landscape Plan
- F20 Construction Environment Management Plan
- F21 (d) Construction Soil & Water Mngmt Plan

Many thanks
Megan

From: Megan Richardson
Sent: Monday, 27 April 2020 12:00 PM
To: Mark Dicker <MDicker@blayney.nsw.gov.au>
Subject: RE: Flyers Creek - Management Plans

Great thanks for the update Mark.

Megan Richardson

From: Roy Ansted <Roy.Ansted@cabonne.nsw.gov.au>
Sent: Tuesday, 21 April 2020 11:52 AM
To: Megan Richardson; Surendra Sapkota
Cc: Cc:; Tony Weekes
Subject: [EXTERNAL] RE: Flyers Creek Wind Farm, Condition F21 (c): Construction Traffic & Access Management Plan.

Hi Megan,

I have reviewed the attached documents, and I have no comment to make on their content.

Regards,

Roy Ansted
Development Engineer
Cabonne Council

From: Megan Richardson <Megan.Richardson@infigenenergy.com>
Sent: Tuesday, 14 April 2020 4:54 PM
To: Surendra Sapkota <Surendra.Sapkota@cabonne.nsw.gov.au>
Cc: Cc: <May.Patterson@planning.nsw.gov.au>; Roy Ansted <Roy.Ansted@cabonne.nsw.gov.au>; Tony Weekes <Tony.Weekes@cabonne.nsw.gov.au>
Subject: RE: Flyers Creek Wind Farm, Condition F21 (c): Construction Traffic & Access Management Plan.

No problem,

Please find attached.

Thanks
Megan

From: Surendra Sapkota <Surendra.Sapkota@cabonne.nsw.gov.au>
Sent: Tuesday, 14 April 2020 3:47 PM
To: Megan Richardson <Megan.Richardson@infigenenergy.com>
Cc: Cc: <May.Patterson@planning.nsw.gov.au>; Roy Ansted <Roy.Ansted@cabonne.nsw.gov.au>; Tony Weekes <Tony.Weekes@cabonne.nsw.gov.au>
Subject: [EXTERNAL] RE: Flyers Creek Wind Farm, Condition F21 (c): Construction Traffic & Access Management Plan.

Hi Megan,

Could you send the following documents please mentioned in the Table below as we could not find the said documents.

Kind regards

Surendra Sapkota
Manager Technical Services
Surendra.Sapkota@cabonne.nsw.gov.au
(02) 6390 7153
0427 492 877

Cabonne Council
PO Box 17
Molong NSW 2866
Switch:
Fax: (02) 6392 3260
Council@cabonne.nsw.gov.au

From: Mark Dicker
To: Megan Richardson
Subject: [EXTERNAL] FW: Flyers Creek - Management Plans
Date: Thursday, 23 April 2020 5:04:51 PM
Attachments: image003.png
image004.png
image005.png

Hi Megan,

Nathan comments below

Thanks Mark

Mark Dicker
Director Planning and Environmental Services
Blayney Shire Council

From: Nathan Skelly <NSkelly@blayney.nsw.gov.au>
Sent: Thursday, 23 April 2020 4:27 PM
To: Mark Dicker <MDicker@blayney.nsw.gov.au>; Grant Baker <GBaker@blayney.nsw.gov.au>; Daniel Drum <DDrum@blayney.nsw.gov.au>; Benjamin Prestwidge <BPrestwidge@blayney.nsw.gov.au>
Subject: RE: Flyers Creek - Management Plans

I've got no real comments on the traffic management plan. I believe it is adequate as a draft.

The will obviously need to develop detailed TCP's for it, but that will come at a later stage no doubt.

Nathan Skelly
Manager Operations
Blayney Shire Council

From: Mark Dicker <MDicker@blayney.nsw.gov.au>
Sent: Thursday, 23 April 2020 3:29 PM
To: Grant Baker <GBaker@blayney.nsw.gov.au>; Daniel Drum <DDrum@blayney.nsw.gov.au>; Benjamin Prestwidge <BPrestwidge@blayney.nsw.gov.au>; Nathan Skelly <NSkelly@blayney.nsw.gov.au>
Subject: RE: Flyers Creek - Management Plans

Hi All,

Further to previous email, I just spoke to Megan.

Infigen really want our comments on the attached.

Megan has asked even though we are over the requested date, if comments or even a no comment email can be sent to Megan advising by next Friday 2 May 2020

Thanks mark

Mark Dicker
Director Planning and Environmental Services
Blayney Shire Council

From: Mark Dicker
Sent: Thursday, 16 April 2020 10:31 AM
To: Grant Baker <GBaker@blayney.nsw.gov.au>; Daniel Drum <DDrum@blayney.nsw.gov.au>; Benjamin Prestwidge <BPrestwidge@blayney.nsw.gov.au>; Nathan Skelly <NSkelly@blayney.nsw.gov.au>
Subject: FW: Flyers Creek - Management Plans

Hi All,

Has everyone seen these?

Any comments?

Thanks Mark

Mark Dicker
Director Planning and Environmental Services
Blayney Shire Council

From: Megan Richardson <Megan.Richardson@infigenenergy.com>
Sent: Tuesday, 14 April 2020 11:48 AM
To: Mark Dicker <MDicker@blayney.nsw.gov.au>
Cc: May.Patterson@planning.nsw.gov.au
Subject: RE: Flyers Creek - Management Plans

Mark,

Have Blayney Shire Council got any comments/feedback on the following plans?

1. Construction **Soil and Water Quality** Management Plan
2. Construction **Traffic and Access** Management Plan
3. Construction Environment Management Plan

Thanks
Megan

From: Megan Richardson
Sent: Monday, 6 April 2020 2:14 PM
To: Mark Dicker - Blayney Shire Council (MDicker@blayney.nsw.gov.au) <MDicker@blayney.nsw.gov.au>
Cc: May.Patterson@planning.nsw.gov.au
Subject: Flyers Creek - Management Plans

Mark,

Hope you're well.

Have you had an opportunity to review the Construction **Soil and Water Quality** Management Plan or Construction **Traffic and Access** Management Plan?

Keen to receive your comments and feedback so we can incorporate into the final plans.

Please let me know if you would like to discuss.

Thanks
Megan

Megan Richardson
Development Manager
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From: Megan Richardson <Megan.Richardson@infigenenergy.com>
Sent: Tuesday, 14 April 2020 11:42 AM
To: Surendra Sapkota <Surendra.Sapkota@cabonne.nsw.gov.au>
Cc: Cc: <May.Patterson@planning.nsw.gov.au>; Roy Ansted <Roy.Ansted@cabonne.nsw.gov.au>; Tony Weekes <Tony.Weekes@cabonne.nsw.gov.au>
Subject: RE: Flyers Creek Wind Farm, Condition F21 (c): Construction Traffic & Access Management Plan.

Many thanks, Tony has also let me know on this one.

Does Cabonne Shire Council have any comments on the following:

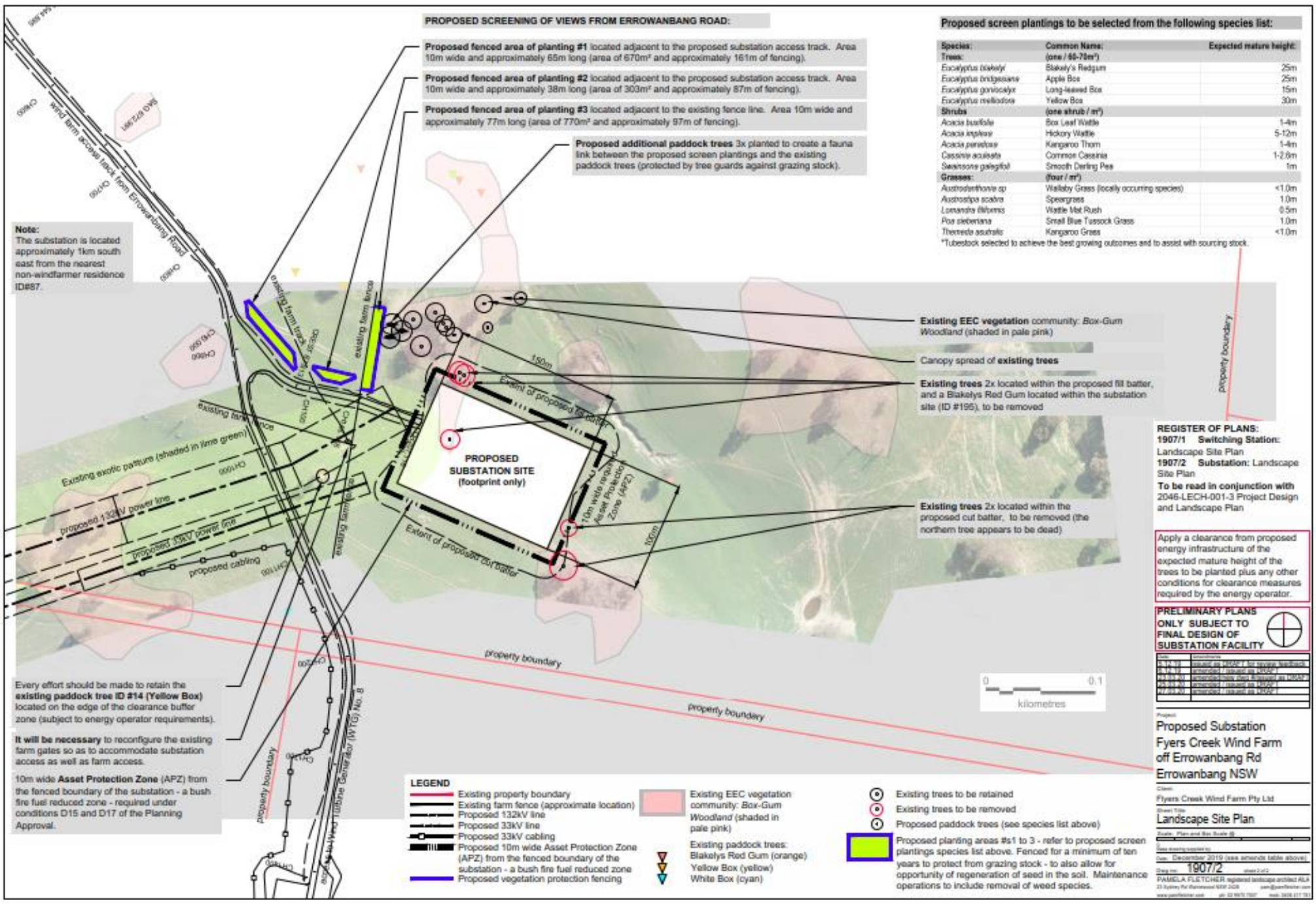
Document / Plan	Consultees	Draft issued for review & comment	Comm
D26 Design & Landscape Plan	Blayney Shire Council **Cabonne Shire Council**	01-Apr-20	22-Apr
F20 Construction Environment Management Plan	Blayney Shire Council **Cabonne Shire Council** DoI Lands & Water BCD Dubbo	23-Mar-20	17-Apr

Thanks
Megan

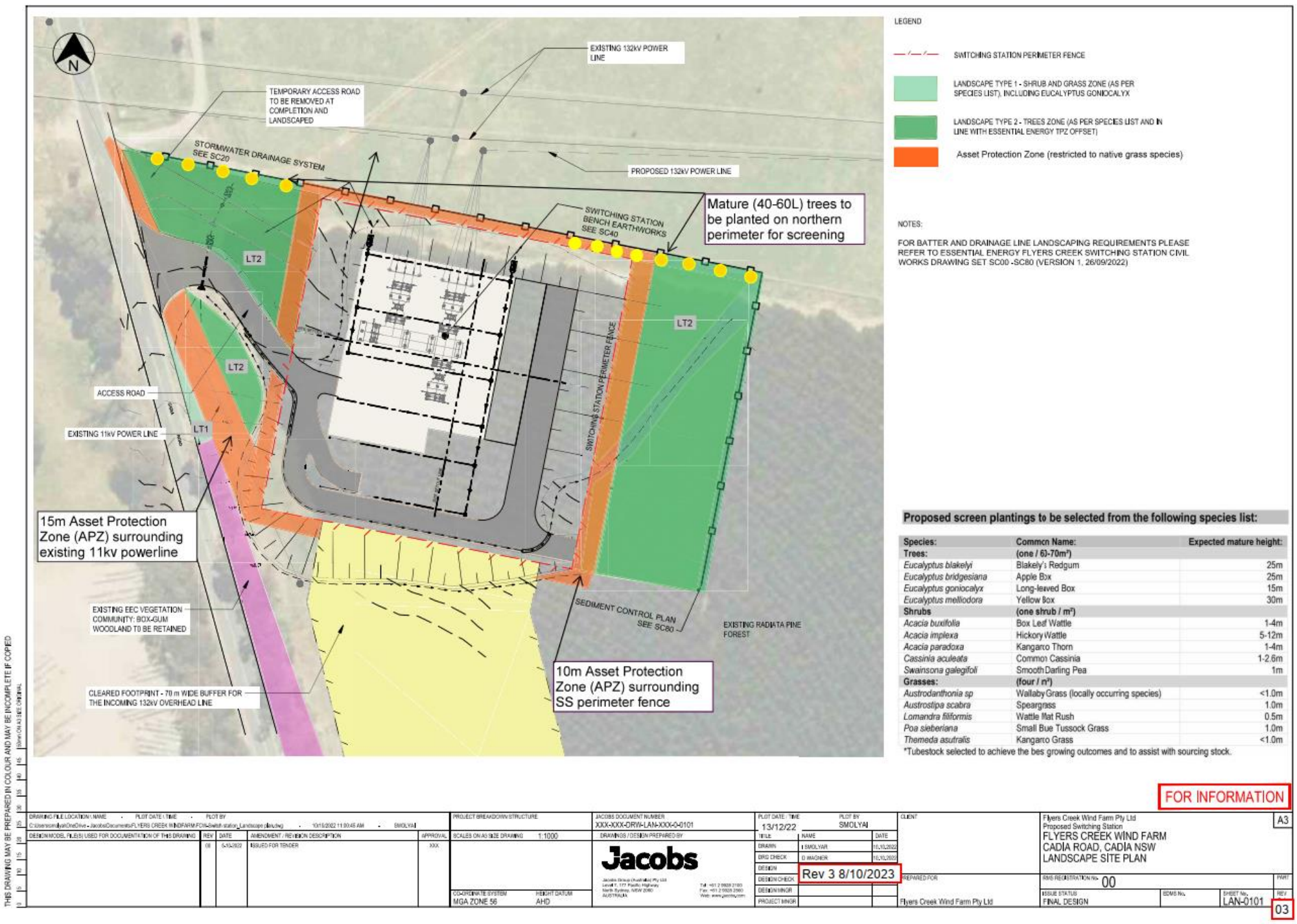
From: Surendra Sapkota <Surendra.Sapkota@cabonne.nsw.gov.au>
Sent: Saturday, 11 April 2020 4:29 PM
To: Megan Richardson <Megan.Richardson@infigenenergy.com>
Cc: Cc: <May.Patterson@planning.nsw.gov.au>; Roy Ansted <Roy.Ansted@cabonne.nsw.gov.au>; Tony Weekes <Tony.Weekes@cabonne.nsw.gov.au>
Subject: [EXTERNAL] FW: Flyers Creek Wind Farm, Condition F21 (c): Construction Traffic & Access Management Plan.

Hi Megan,

Appendix B – Substation Landscape Plan



Appendix C – Switching Station Final Landscape Plan



Appendix D – Noxious Weed Identification (image)

Common name / Botanical name:	Photo:	Preferable control method:
Blackberry ***(Rubus fruticose)***		https://weeds.dpi.nsw.gov.au/Weeds/Details/18 Removal by hand is preferred but the DPI indicate that this method alone does not address the roots. The DPI nominates the use of herbicides as the most reliable method of Blackberry control. Goats are identified as preferring blackberry. Perhaps short term grazing by goats prior to planting can address areas of blackberry infestation if an issue to avoid the use of herbicides.
Scotch Thistle ***(Onopordium acanthium)***		https://weeds.dpi.nsw.gov.au/Weeds/Details/252 Chip out by hand with a mattock. During the maintenance period remove thistle plants to ensure they do not flower / set seed so as to avoid the spread of seed.
Serrated Tussock ***(Nassella trichotoma)***		https://weeds.dpi.nsw.gov.au/Weeds/Details/123 Chip out by hand with a mattock. During the maintenance period remove tussock plants to ensure they do not flower / set seed so as to avoid the spread of seed.
St Johns Wort ***(Hypercium perforatum)***		https://weeds.dpi.nsw.gov.au/Weeds/StJohnsWort No one method is preferred by the DPI over another. Refer to the website for comprehensive control methods if this plant is present in the proposed planting areas.
Sweet Briar ***(Rosa rubiginosa)***		https://weeds.dpi.nsw.gov.au/Weeds/SweetBriar Removal by hand grubbing.

Appendix E – DPE Approval of Final Layout Plan for Switching Station

Department of Planning and Environment

NSW GOVERNMENT

Our ref: MP08_0252

Nick Vavladellis
Construction Project Manager
Iberdrola Australia
By email: Nick.Vavladellis@iberdrola.com.au

21/03/2023

Subject: Final Layout Plan for Switching Station – Flyer's Creek Wind Farm

Dear Mr Vavladellis

I refer to the Final Layout Plan for the Switching Station submitted in accordance with Condition D24A of Schedule D of Project Approval MP08_0252 for the Flyer's Creek Wind Farm.

The Department has carefully reviewed the document and is satisfied that it meets the requirements of the relevant conditions.

Accordingly, the Secretary has approved the *Final Switching Station Layout Plan* (dated 6 March 2023).

The Department notes that the Design and Landscape Plan will need to be updated as outlined in the relevant letter of approval dated 8 September 2020.

Please ensure you make the document publicly available on the project website at the earliest convenience.

If you wish to discuss the matter further, please contact Iwan Davies on 02 9274 6296 or Iwan.Davies@planning.nsw.gov.au

Yours sincerely

Nicole Brewer
Director
Energy Assessments

As nominee of the Planning Secretary

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