



SM-22-00422522

10 November 2022

Attn: Dominic Crinnion
Acting Director – Infrastructure Management
NSW Department of Planning and Environment
Locked Bag 5022
Parramatta NSW 2124

Dear Dominic,

Sydney Metro Western Sydney Airport (SMWSA) (SSI 10051) – Conditions of Approval E4, E5 and E7: Evidence of the retirement of credits or payment to secure offsets to the Department of Planning and Environment

In accordance with Conditions of Approval (CoA) E4, E5 and E7 of SSI 10051 and as discussed in Section 3.5.1 of the Sydney Metro CSSI Staging Report Version 6.0, Sydney Metro submits evidence of retirement of ecosystem credits and payment into the Biodiversity Conservation Fund (BCF) prior to removal of native vegetation associated with the Surface and Civil Alignment Work (SCAW) construction stage.

This vegetation removal is required for works across the SCAW construction stage, including site establishment. In accordance with Condition of Approval E2, the SCAW Contractor has minimised the extent of clearing of native vegetation to reduce impacts on threatened ecological communities and threatened species habitat. These reduced impacts equate to a reduced ecosystem and species credit requirement for the SCAW construction stage, as detailed in the attached Table 1.

For reference, the previously allocated maximum ecosystem and species credit requirement for SCAW is shown in brackets in the table. Table 1 will continue to be updated as the project progresses to confirm the number of credits required for each stage of works and the status of retirement prior to commencing clearing of native vegetation for that stage. This table only includes the credit requirements for the off-airport part of the Sydney Metro – Western Sydney Airport project.

Please see attached the certificates issued by the Biodiversity Conservation Trust (BCT) under section 6.33 of the *Biodiversity Conservation Act 2016* (BC Act) as evidence of payment into the BCF. Also attached are the retirement credit reports issued by the BCT as evidence of retirement of credits in satisfaction of Condition E5, as it relates to the SCAW construction stage. Please note that the BCF payment documented in the section 6.33 certificates and the credit retirement reports relates to the whole of the Sydney Metro – Western Sydney Airport project and does not solely cover the SCAW construction stage.

Sydney Metro

OFFICIAL

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Table 2 shows the proportion of credits covered by each certificate and credit retirement report has been allocated to the different construction stages. This includes the on-airport and off-airport parts of the Sydney Metro – Western Sydney Airport project. This table will also be progressively updated for each construction stage.

Attachments:

- *Attachment A –*
 - *BCF295 Section 6.33 Certificate*
 - *BCF394 Section 6.33 Certificate*
 - *Credit retirement report 202205-RT-741 – PCT 849*
 - *Credit retirement report 202207-RT-769 – PCT 849*
 - *Credit retirement report 202211-RT-792 – PCT 849 and CPLS*
 - *Proof of retirement of BOS credits 00036573- PCT 835*
- *Attachment B – Summary table of credits retired per construction stage*
- *Attachment C – Proportion of BCF certificate/retirement report allocated per construction stage*

Should you have any questions please do not hesitate to contact Jeremy Slattery, Senior Manager, Environment SM-WSA, on 0421 827 231.

Yours sincerely,



David Virtue

A/Associate Director Environment
Sydney Metro
Customer, Operations & Outcomes

Attachment A

- *BCF295 Section 6.33 Certificate*
- *BCF394 Section 6.33 Certificate*
- *Credit retirement report 202205-RT-741 – PCT 849*
- *Credit retirement report 202207-RT-769 – PCT 849*
- *Credit retirement report 202211-RT-792 – PCT 849 and CPLS*
- *Proof of retirement of BOS credits 00036573- PCT 835*



Statement confirming payment into the Biodiversity Conservation Fund for an offset obligation

Pursuant to section 6.33 of the *Biodiversity Conservation Act 2016*, the NSW Biodiversity Conservation Trust confirms that the following payments have been made into the Biodiversity Conservation Fund under section 6.30(1) of the Act to satisfy an obligation to retire biodiversity credits.

Payment made by:	Sydney Metro				
Date received:	22 December 2021				
NSW statutory obligation reference ¹	SSI 10051				
Commonwealth EPBC Act controlled action reference (if applicable) ²	Yes				
BCT Reference	BCF295				
Biodiversity credit retirement obligations satisfied by payment to the Biodiversity Conservation Fund:					
Biodiversity credit type	Offset trading group	EPBC Act Controlled Action offset obligation (Y / N)	Number of credits	Cost per credit (Exc. GST)	Total payment per credit type (Exc. GST)
724 - Castlereagh shale - gravel transition forest	Shale Gravel Transition Forest in the Sydney Basin Bioregion	Yes	185	\$26,912.01	\$4,978,722.12
835 - Cumberland river-flat forest	River-Flat Eucalypt Forest on Coastal Floodplains of the New South Wales North Coast, Sydney Basin and South East Corner Bioregions	Yes	55	\$22,097.40	\$1,215,357.2
1800 - Cumberland Swamp Oak riparian forest	Swamp Oak Floodplain Forest of the New South Wales North Coast, Sydney Basin and South East Corner Bioregions	Yes	136	\$20,752.23	\$2,822,303.36
1071 - <i>Phragmites australis</i> and <i>Typha orientalis</i> coastal freshwater wetlands of the Sydney Basin Bioregion	Coastal Freshwater Lagoons	Yes	1	\$8,947.15	\$8,947.15

¹This refers to either; a development application number for a development consent under Part 4 of the *Environmental Planning and Assessment Act 1979* (EP&A Act), a State significant infrastructure approval under the previous Part 5.1 (now Part 5, Division 5.2) of the EP&A Act, a decision of a determining authority to carry out or approve the carrying out of an activity under Part 5 of the EP&A Act, or a biobank statement number or biodiversity certification number.

² This refers to a controlled action under the Commonwealth *Environmental Protection and Biodiversity Conservation Act 1999* for which a biodiversity offset obligation has been met through payment into the BCF.

10367 - <i>Grevillea juniperina</i> subsp. <i>Juniperina</i> (Juniper-leaved Grevillea)	N/A	No	43	\$145.88	\$6,273.04
10526 - <i>Meridolum corneovirens</i> (Cumberland Plain Land Snail)	N/A	No	123	\$454.10	\$55,854.64
10226 - <i>Dillwynia tenuifolia</i> (Dillwynia tenuifolia)	N/A	Yes	16	\$145.88	\$2,334.15
10549 - <i>Myotis macropus</i> (Southern Myotis)	N/A	Yes	221	\$974.69	\$215,405.84
10715 - <i>Pultenaea parviflora</i> (Pultenaea parviflora)	N/A	Yes	8	\$258.10	\$2,064.82
Total (Exc. GST)					\$ 9,307,262.32
GST					\$ 930,726.23
Total (Inc. GST)					\$10,237,988.55



Emily McCosker

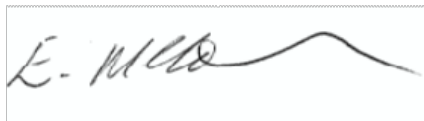
23 December 2021

Director Strategy & Finance

Statement confirming payment into the Biodiversity Conservation Fund for an offset obligation

Pursuant to section 6.33 of the *Biodiversity Conservation Act 2016*, the NSW Biodiversity Conservation Trust confirms that the following payments have been made into the Biodiversity Conservation Fund under section 6.30(1) of the Act to satisfy an obligation to retire biodiversity credits.

Payment made by		Sydney Metro			
Date received		21 July 2022			
NSW statutory obligation reference ¹		SSI-10051			
Commonwealth EPBC Act controlled action reference (if applicable) ²		EPBC 2020-8687			
BCT Reference		BCF394			
Biodiversity credit retirement obligations satisfied by payment to the Biodiversity Conservation Fund:					
Biodiversity credit type (Credit ID and name)	Offset trading group	EPBC Act Controlled Action offset obligation (Y / N)	Number of credits	Cost per credit (Exc. GST)	Total payment per credit type (Exc. GST)
10226 - <i>Dillwynia tenuifolia</i> (<i>Dillwynia tenuifolia</i>)	<i>Dillwynia tenuifolia</i> (<i>Dillwynia tenuifolia</i>)	Y	5	\$145.88	\$729.42
10715 - <i>Pultenaea parviflora</i> (<i>Pultenaea parviflora</i>)	<i>Pultenaea parviflora</i> (<i>Pultenaea parviflora</i>)	Y	2	\$258.10	\$516.20
Total (Exc. GST)					\$1,245.62
GST					\$124.56
Total (Inc. GST)					\$1,370.18



26/07/2022

Emily McCosker

Director Strategy & Finance

¹ This refers to either; a development application number for a development consent under Part 4 of the *Environmental Planning and Assessment Act 1979* (EP&A Act), a State significant infrastructure approval under the previous Part 5.1 (now Part 5, Division 5.2) of the EP&A Act, a decision of a determining authority to carry out or approve the carrying out of an activity under Part 5 of the EP&A Act, or a biobank statement number or biodiversity certification number.

² This refers to a controlled action under the Commonwealth *Environmental Protection and Biodiversity Conservation Act 1999* for which a biodiversity offset obligation has been met through payment into the BCF.

Credit retirement report

Effective date: 18-May-2022

Transaction number: 202205-RT-741

Credit owners' details

Credit owner ID: 721

Name of credit holder: Sydney Metro

Other owner(s):

No other owners

Reason for retirement: Retirement of 12 BAM-equivalent (HBT) for Western Sydney International Airport Plan (EPBC 2019/8541)

Ecosystem credit(s) retired								
Number of credits	Credit profile ID	Agreement ID	Vegetation code	Vegetation type	CMA subregion	% surrounding vegetation	Patch size	Vegetation formation(see key)
19	3,714	400	HN529	HN529/Grey Box - Forest Red Gum grassy woodland on shale of the southern Cumberland Plain, Sydney Basin Bioregion	Cumberland - Hawkesbury/Nep ean	>70%	>100 ha	GRW

Key to vegetation formations

Code	Vegetation formation
ALP	Alpine complex
ASA	Arid shrublands (Acacia)
ASC	Arid shrublands (Chenopod)
DSG	Dry sclerophyll forests (shrub/grass)
DSS	Dry sclerophyll forests (shrubby)
FRW	Forested wetlands
FWW	Freshwater wetlands
GLD	Grasslands
GRW	Grassy woodlands
HLD	Heathlands
MES	Miscellaneous ecosystems
RFT	Rainforests
SAW	Saline wetlands
SWG	Semi-arid woodlands (grassy)
SWS	Semi-arid woodlands (shrubby)
WSG	Wet sclerophyll forests (grassy)
WSS	Wet sclerophyll forests (shrubby)

The credit register provides further information about credit holdings and reports about credit trading activity. To view this information, please visit the public register website at www.environment.nsw.gov.au/bimspr/index.htm

For more information, please contact the BioBanking Scheme Manager - phone (02) 9995 6753; email biobanking@environment.nsw.gov.au

Credit retirement report

Effective date: 22-July-2022

Transaction number: 202207-RT-769

Credit owners' details

Credit owner ID: 721

Name of credit holder: Sydney Metro

Other owner(s):

No other owners

Reason for retirement: Retirement of 19 BAM-equivalent credits (PCT 850, with HBT) for SSI-10051 and EPBC 2020/8687

Ecosystem credit(s) retired								
Number of credits	Credit profile ID	Agreement ID	Vegetation code	Vegetation type	CMA subregion	% surrounding vegetation	Patch size	Vegetation formation(see key)
30	3,714	400	HN529	HN529/Grey Box - Forest Red Gum grassy woodland on shale of the southern Cumberland Plain, Sydney Basin Bioregion	Cumberland - Hawkesbury/Nep ean	>70%	>100 ha	GRW

Key to vegetation formations

Code	Vegetation formation
ALP	Alpine complex
ASA	Arid shrublands (Acacia)
ASC	Arid shrublands (Chenopod)
DSG	Dry sclerophyll forests (shrub/grass)
DSS	Dry sclerophyll forests (shrubby)
FRW	Forested wetlands
FWW	Freshwater wetlands
GLD	Grasslands
GRW	Grassy woodlands
HLD	Heathlands
MES	Miscellaneous ecosystems
RFT	Rainforests
SAW	Saline wetlands
SWG	Semi-arid woodlands (grassy)
SWS	Semi-arid woodlands (shrubby)
WSG	Wet sclerophyll forests (grassy)
WSS	Wet sclerophyll forests (shrubby)

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Credit retirement report

Effective date: 26-October-2022

Transaction number: 202211-RT-792

Credit owners' details

Credit owner ID: 721

Name of credit holder: Sydney Metro

Other owner(s):

No other owners

Reason for retirement: Retirement of 46 PCT850 and 12 CPLS BAM-equivalent credits (SSI project approval)

Ecosystem credit(s) retired								
Number of credits	Credit profile ID	Agreement ID	Vegetation code	Vegetation type	CMA subregion	% surrounding vegetation	Patch size	Vegetation formation(see key)
72	3,714	400	HN529	HN529/Grey Box - Forest Red Gum grassy woodland on shale of the southern Cumberland Plain, Sydney Basin Bioregion	Cumberland - Hawkesbury/Nep ean	>70%	>100 ha	GRW

Species credit(s) retired					
Number of credits	Credit profile ID	Agreement ID	Species type	Scientific name	Common name
8	751	397	Fauna	Meridolum corneovirens	Cumberland Plain Land Snail

Key to vegetation formations

Code	Vegetation formation
ALP	Alpine complex
ASA	Arid shrublands (Acacia)
ASC	Arid shrublands (Chenopod)
DSG	Dry sclerophyll forests (shrub/grass)
DSS	Dry sclerophyll forests (shrubby)
FRW	Forested wetlands
FWW	Freshwater wetlands
GLD	Grasslands
GRW	Grassy woodlands
HLD	Heathlands
MES	Miscellaneous ecosystems
RFT	Rainforests
SAW	Saline wetlands
SWG	Semi-arid woodlands (grassy)
SWS	Semi-arid woodlands (shrubby)
WSG	Wet sclerophyll forests (grassy)
WSS	Wet sclerophyll forests (shrubby)

The credit register provides further information about credit holdings and reports about credit trading activity. To view this information, please visit the public register website at www.environment.nsw.gov.au/bimspr/index.htm

For more information, please contact the BioBanking Scheme Manager - phone (02) 9995 6753; email biobanking@environment.nsw.gov.au

From: [Josh Hoole](#) on behalf of [OEH ROD BOSCREDITS Mailbox](#)
To: [Ivan Glavinic](#)
Cc: [Imogen Krause](#); [Alice Pryke](#); [OEH ROD BOSCREDITS Mailbox](#); [Cathy Lestrangle](#)
Subject: RETIRE39 - Retirement of BOS Credits from Sydney Metro - Approved
Date: Wednesday, 9 November 2022 2:01:07 PM

CAUTION: This email is sent from an external source. Do not click any links or open attachments unless you recognise the sender and know the content is safe.

Hi Ivan,

The retirement of BOS credits for the purpose of complying with a requirement to retire biodiversity credits of a planning approval or a vegetation clearing approval held by Sydney Metro (SSI-10051 and EPBC 2020/8687) (RETIRE39) has been approved.

The retirements are registered on the BOS Public Register in the [Transactions register](#). Section [6.30 Biodiversity Conservation Regulation 2017](#) provides that retirement of a biodiversity credits is to be conclusively presumed if the retirement is recorded in the public register.

Below is further proof of retirement of BOS credits for your records.

Date of issue	9/11/2022
Credit Owner Name	Sydney Metro
Retirement Case ID	00036573/CRE/RET
Source BSA	BS0062
Credit Holding ID	CH-278
Planning approval reference	SSI-10051 and EPBC 2020/8687
Ecosystem credits	
Credit ID	CR-18585
Number of credits	50
PCT Name	Hinterland riverflat eucalypt forest
PCT ID	941
Offset trading group	River-Flat Eucalypt Forest on Coastal Floodplains of the New South Wales North Coast, Sydney Basin and South East Corner Bioregions
Vegetation class	Coastal Floodplain Wetlands
Vegetation Formation	Forested Wetlands
IBRA Subregion	Burraborang
Hollow Bearing Trees	Yes (including artificial)

Kind Regards,
Biodiversity Offset Scheme Credits Team

Biodiversity & Conservation Division
Department of Planning and Environment
<https://www.environment.nsw.gov.au/biodiversity/bos-help-advice.htm>



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Industry &
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**Need help? Visit Biodiversity Offsets Scheme Support at
www.environment.nsw.gov.au/biodiversity/bos-help-advice.htm**

dpie.nsw.gov.au



**Planning,
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Attachment B - Summary table of credits retired per construction stage

Summary table of credits required per construction stage – SSI 10051 Condition E4

Table 1: Ecosystem credits requirements per construction stage and status of retirement/BCF payment

Ecosystem credit	AEW		SBT		SCAW		Totals	Total credits retired /payment made in satisfaction for combined PCT at 3/11/2022
	Maximum credits required	Credits retired/payment made in satisfaction	Reduced credits required (Previous maximum)	Credits retired/payment made in satisfaction	Reduced credits required (Previous maximum)	Credits retired/payment made in satisfaction	Total credits per PCT (Approved total)	
PCT 724 (Intact)	0	-	65 (65)	65	0	-	65	172*
PCT 724 (Thinned)	0	-	64 (64)	64	36 (89)	36	100 (153)	
PCT 724 (Scattered Trees)	0	-	1 (1)	1	5 (27)	5	6 (28)	
PCT 835 (Intact)	0	-	0	-	0 (51)	-	0 (51)	101*
PCT 835 (Thinned)	0	-	19 (21)	19	76 (136)	76	95 (157)	
PCT 835 (Scattered Trees)	1	1	0	-	4 (8)	4	5 (9)	
PCT 849 (Thinned)	0	-	8 (15)	8	48 (167)	48	56 (182)	65
PCT 849 (Scattered Trees)	0	-	1 (4)	1	8 (16)	8	9 (20)	
PCT 1800 (Intact)	0	-	0	-	29 (36)	29	29 (36)	97*

Status as of 3/11/2022

PCT 1800 (Thinned)	0	-	0	-	67 (145)	67	67 (145)	
Total ecosystem credits	1	1	158 (170)	158	273 (675)	273	432 (846)	435*

*Total credits retired /payment made in satisfaction for the combined PCT were rounded-up where necessary as partial credits cannot be retired.

Table 2: Species credits requirements per construction stage and status of retirement/BCF payment

Species credit	AEW Maximum credits required	Credits retired/ payment made in satisfaction	SBT Reduced credits required (Previous maximum)	Credits retired payment made in satisfaction	SCAW Reduced credits required (Previous maximum)	Credits retired/ payment made in satisfaction	Total credits per PCT (Approved total)	Total credits retired/ payment made in satisfaction at 3/11/2022
<i>Dillwynia tenuifolia</i>	0	-	6 (21)	6	0	-	6 (21)	6
<i>Grevillea juniperina</i> <i>subsp. juniperina</i> (Juniper-leaved Grevillea)	0	-	0	-	36 (57)	36	36 (57)	37*
<i>Pultenaea parviflora</i>	0	-	5 (10)	5	0	-	5 (10)	5
<i>Myotis Macropus</i>	0	-	0	-	123 (292)	123	123 (292)	123

Status as of 3/11/2022

(Southern Myotis)								
<i>Meridolum corneovirens</i> (Cumberland Plain Land Snail)	0	-	76 (97)	76	46 (62)	46	122 (159)	123*
Total species credits	0	-	87 (128)	87	205 (411)	205	292 (539)	294*

*Total credits retired /payment made in satisfaction were rounded-up where necessary as partial credits cannot be retired.

Attachment C - Proportion of BCF certificate/retirement report allocated per construction stage

Summary table of allocation and retirement of biodiversity offset credits for the SM-WSA project

Table 2: Proportion of BCF certificate / retirement report allocated per construction stage

Evidence of retirement/payment	AEW (proportion allocated)	SBT (proportion allocated)	SCAW (proportion allocated)	Total number of credits remaining to be allocated
BCF295 Section 6.33 Certificate – PCT 835	3 (on-airport) 1 (off-airport)	1 (on-airport) 19 (off-airport)	31(off-airport)	0
BCF295 Section 6.33 Certificate – PCT 724	-	130 (off-airport)	42(off-airport)*	13
BCF295 Section 6.33 Certificate – PCT 1071	1 (on-airport)	-	-	0
BCF295 Section 6.33 Certificate – PCT 1800	-	-	97(off-airport)*	39
BCF295 Section 6.33 Certificate – Cumberland Plain Land Snail	4 (on-airport)	8 (on-airport) 76(off-airport)	35(off-airport)	0
BCF295 Section 6.33 Certificate – Southern Myotis	-	1 (on-airport)	123(off-airport)	97
BCF295 Section 6.33 Certificate – <i>Grevillea juniperia subs. juniperia</i>	-	-	37(off-airport)*	6
BCF295 Section 6.33 Certificate - <i>Dillwynia tenuifolia</i>	-	6 (off-airport)	-	10
BCF295 Section 6.33 Certificate - <i>Pultenaea parviflora</i>	-	5 (off-airport)	-	3

Status as of 3/11/2022

BCF394 Section 6.33 Certificate - <i>Dillwynia tenuifolia</i>	-	-	-	5
BCF394 Section 6.33 Certificate - <i>Pultenaea parviflora</i>	-	-	-	2
Credit retirement report 202205-RT-741 – PCT 849	3 (on-airport)	9 (on-airport)	-	0
Credit retirement report 202207-RT-769 – PCT 849	-	9 (off-airport)	10 (off-airport)	0
Credit retirement report 202211-RT-792 PCT 849	-	-	46 (off-airport)	0
Credit retirement report 202211-RT-792 Cumberland Plain Land Snail	-	-	12 (off-airport)*	0
Proof of retirement of BOS credits 00036573- PCT 835	-	-	50 (off-airport)*	0

*Total credits retired /payment made in satisfaction were rounded-up where necessary as partial credits cannot be retired.