Post-transplantation monitoring records for transplanted flora species (February 2024)

Contract No.: SS K509 Design and Construction of Kong Nga Po Police Training Facilities

Monitoring and Maintenance Works Report

INSPECTION DATE: 26 FEBRUARY 2024 REPORT DATE: 29 FEBRUARY 2024

> PREPARED BY: Lau Siu Yeung, Andy (UKAA PR5206)

> > Version: 00

Template of Post-transplantation Monitoring Checklist Design and Construction of Kong Nga Po Police Training Facilities

						Audit I	Ref. No	
Contra	act	SS K509						
Inspect	ted By	Lau Siu Yeung (Andy)	Inspection Date Time Period	_		/2024 to 13:		
Part A	Wea	ather						
Condit Tempe Humid	ion rature	Sunny Fine Overcast Drizzle 18.2 °C High (RH>90%) Moderate (90%>RH>50%)	Rain Low (F	St	orm	Hazy		
Wind		Calm Light Breeze Strong	r not observed	Yes	No	Follow-up	N/C	Remarks
Part B			r not observed	103	110	ronow up	100	Temar no
1.		<u>n Brainea insignis</u>		$\overline{}$			_	
1.1	_	lants' health conditions satisfactory?		\triangle				
1.3	Are the te	imporary protective fence properly erected and maintained?		\square				
1.4	Are the pl	ant protection zone set 1m from the plants?		$\overline{\triangleleft}$				
1.5	Are all gra	assed and planted area kept free from weeds/unwanted plants?			\Box		\Box	
1.6	Is compac	ction of the soil avoided for the plants?						
1.7	Are litter/	unwanted material removed within the planting area?						
1.8	Are equip	oment or stockpile placed outside the protection zone?						
1.9		debris or construction materials deposited around and against the plant as this causes bark damage avoided?		\Box				
1.10	Are fixing	gs driven into plants avoided?		\square				
1.11	Are the pl signs avoi	ants used for anchoring or winching purposes or for the display of ided?		\triangle				
1.12		re lit below the branches and petrol, oil or caustic substances stored lants avoided?		\triangle				
1.13	Are all pla	ants kept free from pest, disease or fungal infection?		\triangle				
1.14	Are there	enough area for growth and development of plant roots?		\triangle				
1.15a	Is exposur	re of plant roots avoided?		\triangle				
1.15b	If not, we	re broken off or rotting of roots avoided?		\square				
2.	Ladies T	N/A o resses <i>Spiranthes sinensis</i>	r not observed	Yes	No	Follow-up	N/C	Remarks
2.1	-	lants' health conditions satisfactory?		\triangle				
2.2	Are transp	planted plants on site protected carefully?		\triangle				
2.3	Are the te	mporary protective fence properly erected and maintained?		\triangle				
2.4	Are the pl	ant protection zone set 1m from the plants?		\square				
2.5	Are all gra	assed and planted area kept free from weeds/unwanted plants?		\triangle				
2.6	Is compac	ction of the soil avoided for the plants?		\square				
27	Ara littor/	unwanted material removed within the planting area?						

Template of Post-transplantation Monitoring Checklist Design and Construction of Kong Nga Po Police Training Facilities

		N/A or not observed	Yes	No	Follow-up	N/C	Remarks
2.8	Are equipment or stockpile placed outside the protection zone?						
2.9	Are soil, debris or construction materials deposited around and against t trunk of a plant as this causes bark damage avoided?	he	\square				
2.10	Are fixings driven into plants avoided?						
2.11	Are the plants used for anchoring or winching purposes or for the displasigns avoided?	y of	\triangle				
2.12	Are the fire lit below the branches and petrol, oil or caustic substances s near the plants avoided?	tored	\triangle				
2.13	Are all plants kept free from pest, disease or fungal infection?		\triangle				
2.14	Are there enough area for growth and development of plant roots?						
2.15a	Is exposure of plant roots avoided?		\square				
2.15b	If not, were broken off or rotting of roots avoided?		\triangle				
<u></u>	Incense Trees Aquilaria sinesis	N/A or not observed	Yes	No	Follow-up	N/C	Remarks
3.1	Are the trees's health conditions satisfactory?						
3.2	Are transplanted trees on site protected carefully?						
3.3	Are the temporary protective fence properly erected and maintained?						
3.4	Are the tree protection zone set 1m from the trees?						
3.5	Are all grassed and planted area kept free from weeds/unwanted plants?						
3.6	Is compaction of the soil avoided for the trees						
3.7	Are litter/ unwanted material removed within the planting area?						
3.8	Are equipment or stockpile placed outside the protection zone?						
3.9	Are soil, debris or construction materials deposited around and against t trunk of a tree as this causes bark damage avoided?	he					
3.10	Are fixings driven into trees avoided?						
3.11	Are the trees used for anchoring or winching purposes or for the display signs avoided?	of					
3.12	Are the fire lit below the branches and petrol, oil or caustic substances s near the trees avoided?	tored					
3.13	Are all trees kept free from pest, disease or fungal infection?		A				
3.14	Are there enough area for growth and development of tree roots?			∇			
3.15a	Is exposure of tree roots avoided?						
3.15b	If not, were broken off or rotting of roots avoided?						
3.16	Are wounds/mechanical injuries avoided on tree trunk?					A	
3.17	Are leaning of trees avoided?						
3.18	Are dead/detached branches avoided?						
3.19	Are decay/cavity avoided on tree trunks?						

Template of Post-transplantation Monitoring Checklist Design and Construction of Kong Nga Po Police Training Facilities

Is the situation in item improved/rectified?	Is the situation in itemimproved/rectified?	Is the situation in item improved/rectified?	Is the situation in itemimproved/rectified?	Is the situation in item improved/rectified?	nproved/rectified?		
2. Is the situation in item improved/rectified?	Is the situation in item improved/rectified?	Is the situation in item improved/rectified? Is the situation in item improved/rectified?	2. Is the situation in item improved/rectified?	2. Is the situation in item improved/rectified?			
Is the situation in item improved/rectified?	Is the situation in item improved/rectified?	Is the situation in item improved/rectified?	Is the situation in item improved/rectified?	Is the situation in item improved/rectified?			
Is the situation in item improved/rectified?	Is the situation in item improved/rectified?	Is the situation in item improved/rectified?	Is the situation in item improved/rectified?	Is the situation in item improved/rectified?			
Is the situation in item improved/rectified?	Is the situation in item improved/rectified?	Is the situation in item improved/rectified?	Is the situation in item improved/rectified?	Is the situation in item improved/rectified?		·	
Is the situation in item improved/rectified?	Is the situation in item improved/rectified?	Is the situation in item improved/rectified?	Is the situation in item improved/rectified?	Is the situation in item improved/rectified?			
Is the situation in item improved/rectified?	Is the situation in item improved/rectified?	Is the situation in item improved/rectified?	Is the situation in item improved/rectified?	Is the situation in item improved/rectified?	pproved/rectified?	Is the situation in item	
Is the situation in item improved/rectified?	Is the situation in item improved/rectified?	Is the situation in item improved/rectified? improved/rectified? improved/rectified? improved/rectified? improved/rectified? improved/rectified?	Is the situation in item improved/rectified?	Is the situation in item improved/rectified? improved/rectified? improved/rectified? improved/rectified? improved/rectified? improved/rectified? improved/rectified? improved/rectified?	proved/rectified?	Is the situation in item	
Is the situation in item improved/rectified? improved/rectified? improved/rectified? improved/rectified? improved/rectified? improved/rectified? improved/rectified? improved/rectified?	Is the situation in item improved/rectified? improved/rectified? improved/rectified? improved/rectified? improved/rectified? improved/rectified? improved/rectified? improved/rectified?	Is the situation in item improved/rectified? improved/rectified? improved/rectified? improved/rectified? improved/rectified? improved/rectified?	Is the situation in item improved/rectified?	Is the situation in item improved/rectified? improved/rectified? improved/rectified? improved/rectified? improved/rectified? improved/rectified?	proved/rectified?	Is the situation in item _	
0. Is the situation in item improved/rectified? improved/rectified?	0. Is the situation in item improved/rectified?	D. Is the situation in item improved/rectified? improved/rectified?	0. Is the situation in item improved/rectified?	0. Is the situation in item improved/rectified? improved/rectified?	nproved/rectified?	Is the situation in item _	
					nproved/rectified?	Is the situation in item	
Remarks/Observations	emarks/Observations	emarks/Observations	Remarks/Observations	Remarks/Observations	nproved/rectified?	Is the situation in item	0.
						xs/Observations	Remark

Signatures:		
Contractor's Representative	Supervisor's Rep.	
(Name: Lau Sin Vauna	(Name:	
(Name: Lau Siu Yeung (Date: 26/02/2024	(Date:	

Design and Construction of Kong Nga Po Police Training Facilities Monitoring and Maintenance Works for Flora Species of Conservation Interest

Inspection Date: 26/2/2024

Tree/Plant/	Number of		Form	Health	
Colony No.	Individuals	Species Name	(Good/Fair/Poor)	(Good/Fair/Poor)	Remark
	01	Brainea insignis	F	F	Young leaves observed
	02	Brainea insignis	F	F	Young leaves observed
	03	Brainea insignis	F	F	Young leaves observed
~	04	Brainea insignis	F	F	Young leaves observed
C-0001	05	Brainea insignis	F	F	Young leaves observed
	06	Brainea insignis	F	F	Young leaves observed
	07	Brainea insignis	F	F	Young leaves observed
	08	Brainea insignis	F	F	Young leaves observed
	01	Brainea insignis	F	F	Young leaves observed
	02	Brainea insignis	F	F	Young leaves observed
	03	Brainea insignis	F	P	Young leaves observed
ŀ	04	Brainea insignis	F	P	Young leaves observed
C-0002	05		F	F	Young leaves observed
-	06	Brainea insignis	F	F	Young leaves observed
-	07	Brainea insignis	F	F	
-		Brainea insignis			Young leaves observed
G 0002	08	Brainea insignis	F	F	Young leaves observed
C-0003	01	Brainea insignis	F	F	Young leaves observed
					Young leaves at base; Dry out
	01	Brainea insignis	P	P	caused by bushfire initially
					outside site boundary and high
			_	_	temperature on 2 Feb 2021
	02	Brainea insignis	F	F	Young leaves observed
	03	Brainea insignis	F	F	Young leaves observed
	04	Brainea insignis	F	F	Young leaves observed
	05	Brainea insignis	F	F	Young leaves observed
	06	Brainea insignis	F	F	Young leaves observed
	07	Brainea insignis	F	F	Young leaves observed
	08	Brainea insignis	F	P	Young leaves at base
					Dry out caused by bushfire
	09	Brainea insignis	P	P	initially outside site boundary
	09	Drainea insignis	1	1	and high
					temperature on 2 Feb 2021
	10	Brainea insignis	F	P	Young leaves at base
	11	Brainea insignis	F	F	Young leaves observed
	12	Brainea insignis	F	P	Young leaves observed
C-0004					Stem not found
C 0001					Dry out caused by bushfire
	13	Brainea insignis	-	-	initially outside site boundary
					and high temperature on 2 Feb
					2021
	14	Brainea insignis	F	F	Young leaves observed
					Young leaves at base; Dry out
	1.5	D	P	D.	caused by bushfire initially
	15	Brainea insignis	P	P	outside site boundary and high
					temperature on 2 Feb 2021
					Dry out caused by bushfire
	16	Brainea insignis	P	P	initially
	16				outside site boundary and high
					temperature on 2 Feb 2021
					temperature on 2 red 2021
	17	Brainea insignis	P	P	Young leaves observed
	17	Brainea insignis	P	P	
	17 18	Brainea insignis Brainea insignis	P -	P -	Young leaves observed
			P -	P -	Young leaves observed Burned by bushfire initially
			P - F	P - P	Young leaves observed Burned by bushfire initially outside the site boundary on 2

Design and Construction of Kong Nga Po Police Training Facilities Monitoring and Maintenance Works for Flora Species of Conservation Interest

Inspection Date: 26/2/2024

Tree/Plant/	Number of	Species Name	Form	Health	Remark
Colony No.	Individuals	-	(Good/Fair/Poor)	(Good/Fair/Poor)	
	01	Brainea insignis	F	F	Young leaves observed
	02	Brainea insignis	F	F	Young leaves observed
	03	Brainea insignis	F	F	Young leaves observed
C-0005	04	Brainea insignis	F	F	Young leaves observed
	05	Brainea insignis	F	P	Young leaves at base
	06	Brainea insignis	F	F	Young leaves observed
	07	Brainea insignis	F	F	Young leaves observed
C-0006	01	Brainea insignis	P	F	Young leaves observed
C-0007	01	Brainea insignis	F	F	Young leaves observed
C-0007	02	Brainea insignis	F	P	-
	01	Brainea insignis	F	F	Young leaves observed
	02	Brainea insignis	F	F	Young leaves observed
	03	Brainea insignis	P	P	Young leaves observed
C-0008	04	Brainea insignis	F	F	Young leaves observed
	05	Brainea insignis	F	F	Young leaves observed
	06	Brainea insignis	F	P	-
	07	Brainea insignis	F	P	Young leaves at base
C-0009	01	Brainea insignis	F	F	Young leaves observed
	01	Brainea insignis	F	F	Young leaves observed
C-0010	02	Brainea insignis	F	F	Young leaves observed
	03	Brainea insignis	F	F	Young leaves observed
	01	Brainea insignis	P	P	Dry out caused by bushfire initially outside site boundary and high temperature on 2 Feb 2021
	02	Brainea insignis	F	P	ı
	03	Brainea insignis	P	P	Young leaves at base
	04	Brainea insignis	F	F	-
G 0011	05	Brainea insignis	F	P	Young leaves at base
C-0011	06	Brainea insignis	F	F	Young leaves at base
	07	Brainea insignis	P	P	Young leaves at base
	08	Brainea insignis	F	F	Young leaves observed
	09	Brainea insignis	P	P	-
	10	Brainea insignis	F	F	Young leaves observed
	11	Brainea insignis	F	F	Young leaves observed
	12	Brainea insignis	P	P	-
	13	Brainea insignis	F	F	Young leaves observed



C0001(Patch)_01





C0001(Patch)_03





C0001(Patch)_05









C0002(Patch)_01





C0002(Patch)_03





C0002(Patch)_05









C-0003











C-0004(Patch)_05





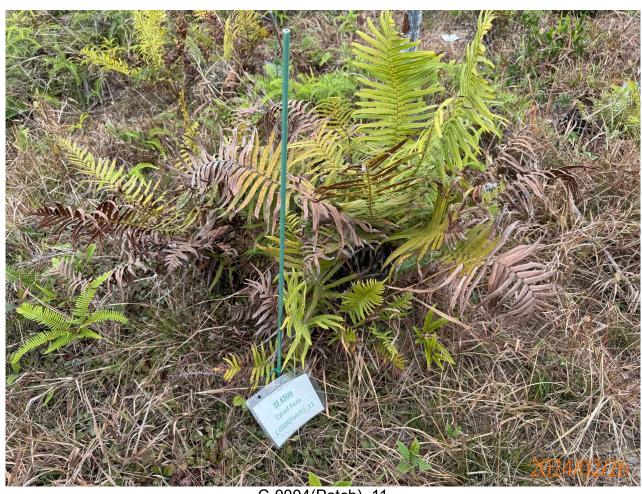
C-0004(Patch)_07





C-0004(Patch)_09





C-0004(Patch)_11





C-0004(Patch)_13





C-0004(Patch)_15









C-0004(Patch)_19









C-0005(Patch)_03





C-0005(Patch)_05







C-0006(Patch)_06



C-0007(Patch)_01





C-0008(Patch)_01





C-0008(Patch)_03





C-0008(Patch)_05





C-0008(Patch)_07



C-0009



C-0010(Patch)_01





C-0010(Patch)_03



C-0011(Patch)_01



Contract No.: SS K509



C-0011(Patch)_03





C-0011(Patch)_05





C-0011(Patch)_07





C-0011(Patch)_09





C-0011(Patch)_11





C-0011(Patch)_13

Contract No.: SS K509

Design and Construction of Kong Nga Po Police Training Facilities

Monitoring and Maintenance Works for Flora Species of Conservation Interest

Inspection Date: 26/2/2024

Tree/Plant/ Colony No.	Species Name	Form (Good/Fair/Poor)	Health (Good/Fair/Poor)	Remark
L-0001	Spiranthes sinensis	-	-	Not observed
L-0002	Spiranthes sinensis	-	-	Leaf observed
L-0003	Spiranthes sinensis	P	P	Leaf observed
L-0004	Spiranthes sinensis	-	-	Not observed
L-0005	Spiranthes sinensis	-	-	Not observed
L-0006	Spiranthes sinensis	-	-	Not observed
L-0007	Spiranthes sinensis	-	-	Not observed
L-0008	Spiranthes sinensis	P	P	Leaf observed
L-0009	Spiranthes sinensis	-	-	Not observed
L-0010	Spiranthes sinensis	-	-	Not observed
L-0011	Spiranthes sinensis	-	-	Not observed
L-0012	Spiranthes sinensis	-	-	Not observed
L-0013	Spiranthes sinensis	-	-	Not observed
L-0014	Spiranthes sinensis	P	P	Leaf observed
L-0015	Spiranthes sinensis	P	P	Leaf observed
L-0016	Spiranthes sinensis	-	-	Not observed
L-0018	Spiranthes sinensis	F	F	Leaf observed
L-0019	Spiranthes sinensis	-	-	Not observed
L-0020	Spiranthes sinensis	-	-	Not observed
L-0021	Spiranthes sinensis	-	-	Not observed
L-0022	Spiranthes sinensis	F	F	Leaf observed
L-0023	Spiranthes sinensis	-	-	Not observed
L-0024	Spiranthes sinensis	P	P	Leaf observed
L-0025	Spiranthes sinensis	-	-	Not observed
L-0026	Spiranthes sinensis	-	-	Not observed
L-0027	Spiranthes sinensis	-	-	Not observed
L-0028	Spiranthes sinensis	-	-	Not observed
L-0029	Spiranthes sinensis	-	-	Not observed
L-0030	Spiranthes sinensis	-	-	Not observed
L-0031	Spiranthes sinensis	F	F	Leaf observed
L-0032	Spiranthes sinensis	-	-	Not observed
L-0033	Spiranthes sinensis	-	-	Not observed
L-0034	Spiranthes sinensis	-	-	Not observed
L-0035	Spiranthes sinensis	-	-	Not observed
L-0036	Spiranthes sinensis	-	-	Not observed
L-0037	Spiranthes sinensis	F	F	Leaf observed
L-0038	Spiranthes sinensis	P	P	Leaf observed
L-0039	Spiranthes sinensis	-	-	Not observed
L-0040	Spiranthes sinensis	F	F	Leaf observed
L-0041	Spiranthes sinensis	-	-	Not observed
L-0042	Spiranthes sinensis	-	-	Not observed







L-0002



L-0003



L-0004







L-0006



L-0007



L-0008













Contract No.: SS K509
Design and Construction of Kong Nga Po Police Training Facilities
Monitoring and Maintenance Works for Flora Species of Conservation Interest









L-0016

Contract No.: SS K509 Design and Construction of Kong Nga Po Police Training Facilities Monitoring and Maintenance Works for Flora Species of Conservation Interest







L-0019



L-0020



L-0021







L-0023



L-0024



L-0025







L-0027



L-0028



L-0029

Contract No.: SS K509 Design and Construction of Kong Nga Po Police Training Facilities Monitoring and Maintenance Works for Flora Species of Conservation Interest







L-0031



L-0032



L-0033

Contract No.: SS K509 Design and Construction of Kong Nga Po Police Training Facilities Monitoring and Maintenance Works for Flora Species of Conservation Interest







L-0035



L-0036



L-0037







L-0039



L-0040



L-0041



L-0042

Contract No.: SS K509

Design and Construction of Kong Nga Po Police Training Facilities

Monitoring and Maintenance Works for Flora Species of Conservation Interest

Hong Da Landscaping Limited

Vegetation Maintenance Record Sheet (February 2024)

D																Date													
Description of Work	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Watering		Y						Y							Y							Y				Y			
Weeding																										Y			
Fertilization																													
Pest/Disease Control																													
Firming up of fence																													
Installation of shaded net																													
Mulching																													
Inspection																										Y			
Checking of Protection Zone																										Y			
Remarks	МН	МН	МН	МН	МН	МН	МН	МН	МН	МН	МН	МН	МН	МН	МН	МН	МН	МН	МН	МН	МН	МН	МН	МН	МН	МН	МН	МН	МН
	Publ	ic Ho	liday		Н-Но	ot	D-Dr	izzle		R-Ra	iny		W-W	indy		RH-I	ligh F	Iumid	ity	MH-	Mediu	m Hu	midity	I	LH-L	ow H	umidi	ty	







weeding (2)

Post-transplantation Monitoring Checklist Police Facilities in Kong Nga Po

Contract	Provision of Environmental Team				
	Consultancy for Design and Construction				
	of Kong Nga Po Police Training Facilities				
	(Programme no. 279LP)				
Inspected B	y <u>ETL</u>	Inspectio	n Date _	28-2-20	24
Part A	Weather				
Condition	Sunny Fine Overcast Drizzle Rain Hazy				
Wind	Calm Light Breeze Strong				
Part B		N/A or	Yes	NO	Remarks
raitb		not observe		NO	Remarks
1 C	ycadfern Brainea insignis				
1.1	Is the general well-being of the plants deemed satisfactory?				
1.2	Are appropriate measures being taken to ensure the careful protection of the transplanted plants on site?	V			
1.3	Has the temporary protective fence been correctly installed and is it being properly maintained?				
1.4	Has the plant protection zone been established at a distance of 1m from the plants as required?				
1.5	Are all areas covered with grass and plants consistently maintained free from weeds and unwanted vegetation?				
1.6	Are measures taken to prevent soil compaction and protect the plants?				
1.7	Is prompt removal of litter and unwanted materials maintained in the planting area?				
1.8	Is equipment or stockpile kept outside the designated protection zone?				
1.9	Is the practice of depositing soil, debris, or construction materials around and against the trunk of a plant, which can result in bark damage, being avoided?				
1.10	Are fixings being prevented from being driven into the plants?				
1.11	Are the plants being intentionally avoided for the purpose of anchoring, winching, or displaying signs?	V			
1.12	Is the practice of lighting fires below the branches and storing petrol, oil, or caustic substances near the plants being avoided?			*	
1.13	Are all plants consistently maintained free from pests, diseases, or fungal infections?				
1.14	Is there sufficient space provided for the growth and development of plant roots?				
1.15a	Is the exposure of plant roots being prevented?				
1.15b	If not, are broken or rotting roots being avoided?	V			
2 L	adies Tresses Spiranthes sinensis				
2.1	Is the general well-being of the plants deemed satisfactory?				
2.2	Are appropriate measures being taken to ensure the careful protection of the transplanted plants on site?				
2.3	Has the temporary protective fence been correctly installed and is it being properly maintained?				
2.4	Has the plant protection zone been established at a distance of 1m from the plants as required?				
2.5	Are all areas covered with grass and plants consistently maintained free from weeds and unwanted vegetation?				
2.6	Are measures taken to prevent soil compaction and protect the plants?				
2.7	Is prompt removal of litter and unwanted materials maintained in the planting area?				
2.8	Is equipment or stockpile kept outside the designated protection zone?				
2.9	Is the practice of depositing soil, debris, or construction materials around and against the trunk of a plant, which can result in bark damage, being avoided?			~	
2.10	Are fixings being prevented from being driven into the plants?	\checkmark			

2.11	Are the plants being intentionally avoided for the purpose of anchoring, winching, or displaying signs?	
2.12	Is the practice of lighting fires below the branches and storing petrol, oil, or caustic substances near the plants being avoided?	
2.13	Are all plants consistently maintained free from pests, diseases, or fungal infections?	
2.14	Is there sufficient space provided for the growth and development of plant roots?	
2.15a	Is the exposure of plant roots being prevented?	
2.15b	If not, are broken or rotting roots being avoided?	
,	Advise/Observations	

Advice/Observations

- 1) Please refer to the guidelines on soil improvement issued by the Greening, Landscape and Tree Management Section (GLTMS) of the development bureau (2022) to apply to monitoring and maintenance of transplanted flora species.
- 2) Daily watering frequency is needed to keep the soil moist.
- 3) Installation of a shaded net is provided below.
- 4) The wild plants that are growing in undesirable areas should be removed.

IEC	ETL	Contractor Representative
	Lee	
Name: Mr. Law	Name: Mr. Lee	Name: Marian Kong
Date	Date <u>28-2-2024</u>	Date

The installation of a shaded net





Remark: Non scale & Conceptual drawing