



Republic of the Philippines  
Pasay City, Metro Manila  
Office of the Mayor

## CERTIFICATION

This is to certify that the City Government of Pasay **interposes no objection** to the cutting of trees as part of the site clearing works within the **Light Rail Transit Authority** compound in connection with the LRT Line 1 South Extension Project (Baclaran to Cavite), provided however, that the project complies with all applicable laws as well as the rules and regulations set forth by the Department of Environment and Natural Resources (DENR) on the balling of trees and Republic Act No. 3571 otherwise known as "*An Act to Prohibit the Cutting, Destroying or Injuring of Planted or Growing Trees, Flowering Plants and Shrubs or Plants of Scenic Value along Public Roads, in Plazas, Parks, School Premises or in any other Public Ground.*"

This certification is being issued this 20<sup>th</sup> day of January 2017 for whatever legal purposes this may serve best.

  
Hon. ANTONINO G. CALIXTO  
City Mayor

REPUBLIC OF THE PHILIPPINES  
OFFICE OF THE SANGGUNIANG BARANGAY  
BARANGAY 189, ZONE 20  
PASAY CITY, METRO MANILA

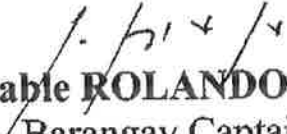


## Barangay Permit

This office interposes no objection and hereby authorized (LRTA) Light Railway Transit Authority for the cutting of trees within the LRTA Compound.

It is understood that issuance of this permit serve only as a requirement for securing a Tree Cutting Permit from DENR.

Issued this 18<sup>th</sup> day of January 2017 at the Office of Barangay 189 Zone 20.

  
**Honorable ROLANDO RAMOS**  
Barangay Captain  
Barangay 189 Zone 20

REPUBLIC OF THE PHILIPPINES  
OFFICE OF THE SANGGUNIANG BARANGAY  
BARANGAY 190, ZONE 20  
PASAY CITY, METRO MANILA




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**Honorable ALMA D. PICHAY**  
Barangay Captain  
Barangay 190 Zone 20



Department of Environment and Natural Resources  
National Capital Region  
**LICENSES, PATENTS AND DEEDS DIVISION**  
**FOREST UTILIZATION SECTION**  
Production Nursery, North Avenue, Diliman, Quezon City  
(02) 435-8880

LPDD C/B/P Permit No. 2017-05-114  
Date Approved : MAY 03 2017  
Date Released : MAY 10 2017

**TREE-CUTTING AND EARTH-BALLING PERMIT**

This **PERMIT** is issued to **GEN. REYNALDO L. BERROYA**, Administrator, Light Rail Transit Authority (LRTA), with official address at Administrator Building, LRTA Compound, Aurora Boulevard, Pasay City, purposely for the implementation of the LRT Line 1 Cavite Extension Project.

This **PERMIT** shall be strictly implemented subject to the following conditions:

1. That only the following planted trees within a private/titled property at LRTA Compound, Aurora Boulevard, Pasay City are authorized to be cut and balled under this permit: (attached list of inventory)

TREE NO.	SPECIES	CUTTING	BALLING	TOTAL
1	Mango	6	4	10
4	Narra	23	3	26
5	Duhat	3	1	4
6	Date Palms	-	8	8
7	Palawan Cherry	2	-	2
8	Eugenia	-	1	1
9	Talisay	7	1	8
10	Tsaang Gubat	-	1	1
11	Manila Palm	-	3	3
12	Ficus Benjamina	7	-	7
13	Indian Tree	-	1	1
14	Bunga de China	-	3	3
15	Ipil-ipil	28	-	28
16	Alagao	1	1	2
17	Chesa	1	-	1
18	Neem Tree	-	1	1
19	McArthur Palm	-	1	1
20	Langka	-	4	4
21	Atis	1	-	1
22	Guava	1	1	2
23	Avocado	-	1	1
24	Aure	1	-	1

25	Guyabano	-	3	3
26	Kapok	1	-	1
27	Sampaloc	-	1	1
28	Molave	-	1	1
29	Mahogany	1	-	1
30	Dead tree	1	-	1
<b>TOTAL</b>		<b>84</b>	<b>40</b>	<b>124</b>

- The trees to be cut shall be replaced with **4, 200 seedlings** of any of the following species with a minimum height of one meter pursuant to the DENR Memorandum Order No. 2012-02, dated 05 November 2012, known as "*Uniform Replacement Ratio for Cut or Relocated Tree,*" in support to the National Greening Program (NGP)/Urban Greening and Climate Change initiative of the government;

PLANT SPECIES	
Agoho	Palawan Cherry
Anonang	African Tulip
Balitbitan	Kalimatas
Balinghasai	Banaba
Pahunan	Molave

- That prior to tree cutting and earth-balling operations the replacement seedlings shall be delivered to DENR-NCR Nursery located at North Avenue, Quezon City. Acknowledgement receipt shall be issued, copy furnished the undersigned;
- That a billboard with dimension of 4' x 8' shall be installed conspicuously within the area to inform the public that the cutting and earth-balling operations thereat is covered with a permit issued by DENR. Such notice of particulars shall indicate the name of permittee, the purpose of the activities to be undertaken and number of trees to be cut and balled. Likewise, the Barangay concerned shall be furnished with a copy of the permit prior to cutting and earth-balling operations;
- That the balled trees shall be transplanted in an open space and free from further development to be identified by the permittee in coordination with DENR-NCR. That the transplanting of earth-balled trees shall be the obligation of the permittee. The permittee shall maintain and protect transplanted trees for a period of at least three (3) years. For every transplanted tree that will not survive after six (6) months, the permittee shall conduct the replacement planting using saplings of indigenous tree species at a ratio of 1:100 as prescribed under DENR Memorandum Order No. 2012-02;
- That the Chief, Enforcement Division or his duly authorized representative with Telephone No. 435-8879 shall be informed three (3) days before the schedule of cutting and balling operations, which shall at all times be under direct supervision and monitoring;
- That the cutting and earth-balling operations shall be undertaken by a firm/person(s) with appropriate expertise and experience to ensure safety to lives and properties as well as survival of the trees to be earth-balled. The DENR shall not be held responsible for any untoward incident that might occur during the cutting and earth-balling operations;
- That issues that may arise from the cutting and earth-balling of trees shall be addressed directly and solely by the permittee;

9. That the permittee shall be required to undertake measures during and after tree-cutting and earth-balling operations to mitigate the negative impacts of the said activity within the locality and to the environment;
10. That the derivable wood materials to be recovered from cut trees within the property shall belong to the land owner. In case the wood materials will be transported by the permittee outside Metro Manila, the same shall be covered by transport documents issued by the DENR;
11. That a terminal report with pictures shall be submitted to this Office after the expiration of this permit or upon completion of the cutting and earth-balling operations, whichever comes first;
12. That this permit must be claimed within 60 days from the date of approval otherwise same shall be automatically cancelled/revoked without further notice;
13. That violation of the above conditions shall be sufficient ground for the cancellation/revocation of this permit without prejudice to the imposition of penalties in accordance with applicable laws, rules and regulations; and,
14. That this permit has a validity of 90 days upon receipt hereof or upon completion of the cutting and earth-balling operations, whichever comes first.

For strict compliance.

Recommending Approval:

  
**SOFIO B. QUINTANA, Ph.D.**  
Assistant Regional Director  
for Technical Services

Approved by:

  
**ISURDES C. WAGAN**  
Regional Director

## INVENTORY OF TREES/PALMS

### A. Premium Species and Non-premium Species:

S/N	Tree No.	SPECIES	DBH (cm)	MH (m)	TH (m)	VOL. (cu.m.)	REMARKS
1	1	Mango	59	1.5	10	0.27173	For Cutting
2	2	Narra	37	3.5	11	0.24935	For Cutting
3	3	Narra	31	1.5	10	0.07502	For Cutting
4	4	Narra	52	3	12	0.42215	For Cutting
5	5	Narra	33	0.5	7	0.02834	For Cutting
6	6	Mango	43	3	12	0.28867	For Cutting
7	7	Narra	47	3.5	10	0.40235	For Cutting
8	8	Narra	57	0.5	8	0.08454	For Cutting
9	9	Narra	53	1.5	12	0.21927	For Cutting
10	10	Duhat	29	1.5	7	0.06565	For Cutting
11		Dates palm					For Balling
12	11	Palawan cherry	25	1	8	0.03253	For Cutting
13	12	Palawan cherry	31	0.75	9	0.03751	For Cutting
14	13	Narra	20	1.5	8		For Balling
15	14	Narra	8	2	5		For Balling
16	15	Narra	26	3	9	0.10554	For Cutting
17		Dates palm					For Balling
18		Dates palm					For Balling
19		Dates palm					For Balling
20	16	Narra	43	1	9	0.09622	For Cutting
21		Dates palm					For Balling
22		Eugenia					For Balling
23	17	Talisay	25	1.5	10	0.04879	For Cutting
24	18	Talisay	34	0.5	10	0.03008	For Cutting
25		Dates palm					For Balling
26		Dates palm					For Balling
27		Dates palm					For Balling
28	19	Narra	50	4	10	0.52040	For Cutting
29	20	Narra	50	3	12	0.39030	For Cutting
30	21	Narra	37	2	10	0.14249	For Cutting
31	22	Narra	79	1	12	0.32478	For Cutting
32		Tsaang gubat					For Balling
33	23	Mango	18		9		For Balling
34	24	Manila palm	14		6		For Balling
35	25	Manila palm	14		5		For Balling
36	26	Manila palm	13		4		For Balling
37	27	Narra	13		5		For Balling
38	28	Duhat	45	2	10	0.21076	For Cutting
39	28a	F. Benjamina	40	1	10	0.08326	For Cutting
40		Indian tree	4		4		For Balling
41	28b	Narra	45	2	10	0.21076	For Cutting
42	29	Narra	20	4	8	0.08326	For Cutting
43	30	Talisay	11		5		For Cutting
44	31	Duhat	29	3	10	0.13130	For Cutting
45	32	Talisay	15	1	7	0.01171	For Cutting
46	33	Mango	20	1	6	0.02082	For Cutting
47	34	Talisay	27	4	10	0.15175	For Cutting
48	35	Bunga de china	14		8		For Balling

S/N	Tree No.	SPECIES	DBH (cm)	MH (m)	TH (m)	VOL. (cu.m.)	REMARKS	
49	36	Mango	20	1	9	0.02082	For Cutting	
50	37	Talisay	15	2.5	9	0.02927	For Cutting	
51	38	Narra	155	1	12	1.25026	For Cutting	
52	39	Narra	29	1	6	0.04377	For Cutting	
53	40	Mango	42	2	8	0.18360	For Cutting	
54	41	Ipil-ipil	27	1	7	0.03794	For Cutting	
55	42	Alagao	25		7		For Cutting	
56	43	Mango	32	2	7	0.10658	For Cutting	
57	44	Ipil-ipil	27		6		For Cutting	
58	45	Dead tree	45		5		For Cutting	
59	46	Narra	24	2	1	0.05995	For Cutting	
60	47	F. Benjamina	42	1	9	0.09180	For Cutting	
61	48	Talisay	18	1	5	0.01686	For Cutting	
62	49	Ipil-ipil	24		6		For Cutting	
63	50	Narra	40	2	8	0.16653	For Cutting	
64	51	Narra	55	1	12	0.15742	For Cutting	
65	52	Chesa	17		18		For Cutting	
66	53	Narra	40	2.5	10	0.20816	For Cutting	
67	54	Narra	34	2	8	0.12032	For Cutting	
68	55	Ipil-ipil	20		8		For Cutting	
69	56	F. Benjamina	17		5		For Cutting	
70	57	Neem tree	7		4		For Balling	
71	58	Ipil-ipil	25		8		For Cutting	
72		McArthur palm		Cluster of 7				For Balling
73	59	Mango	8		3		For Balling	
74	60	Langka	10		2		For Balling	
75	61	F. Benjamina	26		4		For Cutting	
76	62	Ipil-ipil	10		6		For Cutting	
77	63	F. Benjamina	30		3.5		For Cutting	
78	64	Atis	7		3		For Cutting	
79	65	Mango	7		3		For Balling	
80	66	Guava	6		3		For Balling	
81	67	Avocado	6		2		For Balling	
82	68	Guava	16		5		For Cutting	
83		Langka		Sapling sized				For Balling
84		Mango		Sapling sized				For Balling
85		Langka		Sapling sized				For Balling
86	69	Aure	8		6		For Cutting	
87	70	Ipil-ipil	14		5		For Cutting	
88	71	Ipil-ipil	18		5		For Cutting	
89	72	Langka		Pole-sized				For Balling
90	73	Ipil-ipil	17		6		For Cutting	
91	74	F. Benjamina	17		5		For Cutting	
92	75	Ipil-ipil	16		6		For Cutting	
93		Guyabano		Sapling sized				For Balling
94		Guyabano		Sapling sized				For Balling
95		Guyabano		Sapling sized				For Balling
96	76	Ipil-ipil	10		6		For Cutting	
97		Duhat		Pole-sized				For Balling
98	77	Ipil-ipil	10		6		For Cutting	



S/N	Tree No.	SPECIES	DBH (cm)	MH (m)	TH (m)	VOL. (cu.m.)	REMARKS
99	78	Alagao	Pole-sized				For Balling
100	79	Ipil-ipil	10		8		For Cutting
101	80	Ipil-ipil	20		8		For Cutting
102	81	Kapok	25		9		For Cutting
103		Bunga de china					For Balling
104		Bunga de china					For Balling
105	82	Ipil-ipil	18		7		For Cutting
106		Talisay					For Balling
107	83	Ipil-ipil	18		7		For Cutting
108	84	Ipil-ipil	16		7		For Cutting
109	85	Ipil-ipil	15		8		For Cutting
110	86	Ipil-ipil	18		7		For Cutting
111	87	Ipil-ipil	15		9		For Cutting
112	88	Ipil-ipil	18		8		For Cutting
113	89	Ipil-ipil	18		8		For Cutting
114	90	Ipil-ipil	18		9		For Cutting
115	91	Ipil-ipil	17		8		For Cutting
116	92	Ipil-ipil	17		7		For Cutting
117	93	Ipil-ipil	18		6		For Cutting
118	94	Ipil-ipil	20		8		For Cutting
119	95	Ipil-ipil	20		10		For Cutting
120	96	Sampalok	10		3		For Balling
121	97	Narra	35	1	8	0.063749	For Cutting
122	98	F. Benjamina	67		9		For Cutting
123	99	Molave	15		6		For Balling
124	100	Mahogany	26	1	8	0.03517904	For Cutting
<b>TOTAL</b>						<b>7.33148627</b>	