

# “SOP of Plantation Monitoring”

## AE/IE-Login:-

1. On the landing page, user able to see the below screen with “Existing Details of Plantation” button on the top right position. This button shows only one time in AE Login for enter pre-existing count of tress.

Once pre-existing count of trees are filled, then this button gets removed and “New” button is display instead.

[Home](#) / Plantation Monitoring

Existing Details of Plantation

YEAR FILTER 

Select

PDF Excel

Show 10 entries

Search:

Chainage From	Chainage To	Existing no. of Trees/Shrubs (A)			No. of Plants as per scope of IRC: SP 21- 2009 (B)			No. of Plants in scope of CA (C)		Plantation done under project implementation for CA. (no. of plants) (D)			Planting Year	Plantation done by other Agencies (no. of plants) (E)			Agency Type(Name c Private/Govt.)	
		Avenue L.H.S	Avenue R.H.S	Median	Avenue L.H.S	Avenue R.H.S	Median	Avenue	Median	Avenue L.H.S (a)	Avenue R.H.S (b)	Median (c)		Avenue L.H.S (d)	Avenue R.H.S (e)	Median (f)	Avenue	Median

Showing 0 to 0 of 0 entries

Previous Next

2. On clicking the “Existing Details of Plantation” button, below screen appears.

On clicking the “Template” button, a format is downloaded in which user require to fill information and uploaded in the “Upload Document” field.

[Home](#) / Plantation Monitoring

### Existing Plantation Details

UPC  
N/01001/02002/HR

Project name  
Delhi-Vadodara Greenfield Alignment (NH-148N) (Pkg-0)

Project Length(Km)  
28.5000

Appointment Date  
13/09/2019

Project Chainage From

Project Chainage To

Name of Concessionaire  
APCO Infratech Pvt. Ltd.

Name of AE/IE  
Frischmann Prabhu India Pvt. Ltd.

Upload Documents :  

Choose File No file chosen

Template

upload

Chainage From	Chainage To	Plantable Length (Km)			Reason for non - plantable lenght for Avenue / Median Plantation - (Example : Structure, Median out, Lack of ROW, Urban Area, Law & Order Issue, Land Dispute Issue, Others)	Length with well established existing vegetation cover (Km)			Existing no. of Trees/Shurbs			No. of Plants as per scope of IRC: SP 21-2009			No. of Plants in scope of CA	
		L.H.S	R.H.S	Median		L.H.S	R.H.S	Median	L.H.S	R.H.S	Median	L.H.S	R.H.S	Median	Avenue	Median

Type of Species Planted for Fresh Plantation

Avenue	Median
Update	Update

Cancel Submit

3. After upload of the document, entered information is display as below.

After upload of template, user require to enter species of the tree(s) under “**Avenue**” & “**Median**” table as display on right of the screen.

Home / Plantation Monitoring

Show  entries
Search:

Chainage From	Chainage To	Plantable Length (Km)			Reason for non - plantable lenght for Avenue / Median Plantation - (Example : Structure, Median out, Lack of ROW, Urban Area, Law & Order Issue, Land Dispute Issue, Others)	Length with well established existing vegetation cover (Km)			Existing no. of Trees/Shurbs			No. of Plants as per sc IRC: SP 21- 2009		
		L.H.S	R.H.S	Median		L.H.S	R.H.S	Median	L.H.S	R.H.S	Median	L.H.S	R.H.S	Me
100.7	101.7	.9	.9	.9	No reason	.2	.2	.2	100	100	100	200	201	
101.7	102.7	.7	.7	.7	No reason	.3	.3	.3	30	30	30	200	201	
102.7	103.7	1	1	1	No reason	.4	.4	.4	40	40	40	200	201	
103.7	104.7	1	1	1	No reason	.5	.5	.5	50	50	50	200	201	
104.7	105.7	1	1	1	No reason	.6	.6	.6	60	60	60	200	201	

Type of Species Planted for Fresh Plantation

Avenue	Median
<input type="text"/>	<input type="text"/>
<input type="button" value="Update"/>	<input type="button" value="Update"/>

4. On clicking the “**Avenue-Update**” button as display above, below screen is display to choose the species of the tree(s) by clicking the check-box.

**Case1:-** In case, if only 1 or 2 species are available in any given chainage then user will enter “Zero(0)” for other choosen species.

NATIONAL HIGHWAYS AUTHORITY OF INDIA

Home / Plantation Monitoring

Upload Documents :  
Choose File Existing

PDF Excel

Chainage From Chainage To  
100.7 101.7  
101.7 102.7  
102.7 103.7

Update Type of Species Planted in Avenue (Top 5)

Aam/Mango (Mangifera indica)	<input type="checkbox"/>
Amaltas (Cassia fistula)	<input type="checkbox"/>
Amla (Embllica officinalis/Phyllanthus emblica)	<input type="checkbox"/>
Arjun (Terminalia arjuna)	<input type="checkbox"/>
Australian Babool (Acacia auriculiformis)	<input type="checkbox"/>
Babool (Acacia nilotica)	<input type="checkbox"/>
Bargad/banyan tree (Ficus benghalensis)	<input type="checkbox"/>
Blue Jacaranda (Jacaranda mimosifolia)	<input type="checkbox"/>
Bottle brush (Callistemon citrinus)	<input type="checkbox"/>
Butterfly tree (Bauhinia purpurea)	<input type="checkbox"/>
Eucalyptus (Eucalyptus spp.)	<input type="checkbox"/>
Imli/Tamarind (Tamarindus indica)	<input type="checkbox"/>
Jamun tree (Syzygium cumini)	<input type="checkbox"/>
Jarul (Lagerstroemia speciosa)	<input type="checkbox"/>
Jarul/Sawani (Lagerstroemia indica)	<input type="checkbox"/>
Kachnar (Bauhinea variegata)	<input type="checkbox"/>
Kadamb (Anthocephalus cadamba)	<input type="checkbox"/>
Kanakchampa (Pterospermum acerifolium)	<input type="checkbox"/>
Karanj (Pongamia pinnata)	<input type="checkbox"/>
Mahuwa (Madhuca indica)	<input type="checkbox"/>
Moulshree (Mimusops elengi)	<input type="checkbox"/>
Mulberry (Morus alba)	<input type="checkbox"/>
Neem (Azadirachta indica)	<input type="checkbox"/>
Palash (Butea monosperma)	<input type="checkbox"/>
Peepal (Ficus religiosa)	<input type="checkbox"/>
Peltaphorum (Peltaphorum pterocarpum)	<input type="checkbox"/>
Saptarni (Alstonia scholaris)	<input type="checkbox"/>
Shisham/Sissoo (Dalbergia sissoo)	<input type="checkbox"/>
Siris (Albizia procera)	<input type="checkbox"/>
Teak (Tectona grandis)	<input type="checkbox"/>
Temple tree/Gulachin (Plumeria rubra)	<input type="checkbox"/>
Tulsi tree (Spathodea campanulata)	<input type="checkbox"/>

User Name: AE\_N0100102002HR  
UPC : N/01001/ Help Desk Logout

for Fresh Plantation  
Median  
Update

5. On selection of check-box, a text-box is open to enter count of the species of the tree(s).

NATIONAL HIGHWAYS AUTHORITY OF INDIA - NHAI

Welcome, Etechmann Prabhu India Pvt. Ltd.

User Name: AE\_N0100102002HR  
UPC : N01001/Help Desk Logout

Home / Plantation Monitoring

Upload Documents :  
Choose File Existing

PDF Excel

Chainage From Chainage To

100.7 101.7 102.7

**Update Type of Species Planted in Avenue (Top 5)**

Aam/Mango ( <i>Mangifera indica</i> )	<input type="checkbox"/>	
Amaltas ( <i>Cassia fistula</i> )	<input checked="" type="checkbox"/>	
Amla ( <i>Emblica officinalis/Phyllanthus emblica</i> )	<input type="checkbox"/>	
Arjun ( <i>Terminalia arjuna</i> )	<input checked="" type="checkbox"/>	
Australian Babool ( <i>Acacia auriculiformis</i> )	<input type="checkbox"/>	
Babool ( <i>Acacia nilotica</i> )	<input type="checkbox"/>	
Bargad/banyan tree ( <i>Ficus benghalensis</i> )	<input type="checkbox"/>	
Blue Jacaranda ( <i>Jacaranda mimosifolia</i> )	<input checked="" type="checkbox"/>	
Bottle brush ( <i>Callistemon citrinus</i> )	<input type="checkbox"/>	
Butterfly tree ( <i>Bauhinia purpurea</i> )	<input type="checkbox"/>	
Eucalyptus ( <i>Eucalyptus</i> spp.)	<input type="checkbox"/>	
Imli/Tamarind ( <i>Tamarindus indica</i> )	<input checked="" type="checkbox"/>	
Jamun tree ( <i>Syzygium cumini</i> )	<input type="checkbox"/>	
Jarul ( <i>Lagerstroemia speciosa</i> )	<input checked="" type="checkbox"/>	
Jarul/Savani ( <i>Lagerstroemia indica</i> )	<input type="checkbox"/>	
Kachnar ( <i>Bauhinia variegata</i> )	<input type="checkbox"/>	
Kadamb ( <i>Anthocephalus cadamba</i> )	<input type="checkbox"/>	
Kanakchampa ( <i>Pterospermum acerifolium</i> )	<input type="checkbox"/>	
Karanj ( <i>Pongamia pinnata</i> )	<input type="checkbox"/>	
Mahuwa ( <i>Madhuca indica</i> )	<input type="checkbox"/>	
Moulshree ( <i>Mimusops elengi</i> )	<input type="checkbox"/>	
Mulberry ( <i>Morus alba</i> )	<input type="checkbox"/>	
Neem ( <i>Azadirachta indica</i> )	<input type="checkbox"/>	
Palash ( <i>Butea monosperma</i> )	<input type="checkbox"/>	
Peepal ( <i>Ficus religiosa</i> )	<input type="checkbox"/>	
Peltaphorum ( <i>Peltaphorum pterocarpum</i> )	<input type="checkbox"/>	
Saptami ( <i>Alstonia scholaris</i> )	<input type="checkbox"/>	
Shisham/Sissoo ( <i>Dalbergia sissoo</i> )	<input type="checkbox"/>	
Siris ( <i>Albizia procera</i> )	<input type="checkbox"/>	

for Fresh Plantation

Median

Update

6. On clicking the “Median-Update” button, below screen is display to choose the species of the tree(s) by clicking the check-box.

Home / Plantation Monitoring

Upload Documents : [Template](#)

[Choose File](#) [Existing](#)

[PDF](#) [Excel](#)

**Update Type of Species Planted in Avenue (Top 5)**

Bougainvillea (Bougainvillea spectabilis)	<input type="checkbox"/>
Calliandra (Calliandra aurinamensis)	<input type="checkbox"/>
Candle bush/Dadmurdan (Cassia alata)	<input type="checkbox"/>
Duranta (Duranta ripens)	<input type="checkbox"/>
Glaucous Cassia (Cassia glauca)	<input type="checkbox"/>
Har Singaar (Nyctanthes arbor-tristis)	<input type="checkbox"/>
Henna/Mehandi (Lawsonia inermis)	<input type="checkbox"/>
Hop Bush (Dodonaea viscosa)	<input type="checkbox"/>
Hummingbird bush (Hamelia patens)	<input type="checkbox"/>
Jarul/Sawani (Lagerstroemia indica)	<input type="checkbox"/>
Karaunda (Carissa spinarum)	<input type="checkbox"/>
Peacock flower/Gultarra/Choti Gulmohar (Caesalpinia pulcherrima)	<input type="checkbox"/>
Tecoma (Tecoma stans)	<input type="checkbox"/>
Others	<input type="checkbox"/>

[Submit](#)

[Update](#)

Chainage From	Chainage To	Dispute Issue, Others)												
100.7	101.7	.9	.9	.9	No reason	.2	.2	.2	100	100	100	200	201	
101.7	102.7	.7	.7	.7	No reason	.3	.3	.3	30	30	30	200	201	
102.7	103.7	1	1	1	No reason	.4	.4	.4	40	40	40	200	201	

## NH DIVISION/PIU/BRO-Login:-

7. After enter existing details of plant, New information of tree(s) needs to be filled by AE and NH DIVISION/PIU/BRO.

NH DIVISION/PIU/BRO fill information of new tree(s) by clicking the “New Details of Plantation” button.

Home / Plantation Monitoring

[New Details of Plantation](#)
YEAR FILTER 
Back To Grid

Show 10 entries Search:

Chainage From	Chainage To	Plantable Length (Km)			Reason	Length with well established existing vegetation cover (Km)			Existing no. of Trees/Shrubs (A)			No. of Plants as per scope of IRC: SP 21- 2009 (B)			No. of Plants in scope of CA (C)	
		Avenue L.H.S	Avenue R.H.S	Median		Avenue L.H.S	Avenue R.H.S	Median	Avenue L.H.S	Avenue R.H.S	Median	Avenue L.H.S	Avenue R.H.S	Median	Avenue	Median
100.7	101.7	.9	.9	.9	No reason	.2	.2	.2	100	100	100	200	201	202	220	221
101.7	102.7	.7	.7	.7	No reason	.3	.3	.3	30	30	30	200	201	202	220	221
102.7	103.7	1	1	1	No reason	.4	.4	.4	40	40	40	200	201	202	220	221
103.7	104.7	1	1	1	No reason	.5	.5	.5	50	50	50	200	201	202	220	221
104.7	105.7	1	1	1	No reason	.6	.6	.6	60	60	60	200	201	202	220	221
105.7	106.7	1	1	1	No reason	.2	.2	.3	70	70	70	200	201	202	220	221
106.7	107.7	.5	.5	.5	No reason	.3	.3	.4	30	30	30	200	201	202	220	221
107.7	108.7	1	1	1	No reason	.4	.4	.5	40	40	40	200	201	202	220	221
108.7	109.7	.5	.5	.5	No reason	.5	.2	.6	50	50	50	200	201	202	220	221
109.7	110.7	.2	.2	.2	No reason	.6	.3	.5	60	60	60	200	201	202	220	221

Showing 1 to 10 of 15 entries

Previous **1** 2 Next

(a) On clicking the “Template” button, a format is downloaded in which user require to fill information and uploaded in the “Upload Document” field.

Home / Plantation Monitoring

eOffice

AppSavy

eSaksham

New Plant Wise Plantation Data

Back To Grid

UPC

N/01001/02002/HR

Project name

Delhi-Vadodara Greenfield Alignment (NH-148N) (F

Project Length(Km)

28.5000

Appointment Date

13/09/2019

Project Chainage From

Project Chainage To

Name of Concessionaire

APCO Infratech Pvt. Ltd.

Name of AE/IE

Frischmann Prabhu India Pvt. Ltd.

Upload Documents :

Template

Choose File (PIU)PlantWiseplantationData.xlsx

upload

PDF

Excel

Show 10 entries

Search:

Chainage From	Chainage To	Plantation done by other Agencies (no. of plants)			Agency Type (Name of Private/Govt.)		Planting Year		Survival of plants on site based on Actual field survey of planted saplings for Plantation done by other Agencies.(no. of plants)			Trees/ widening
		L.H.S	R.H.S	Median	Avenue	Median	Avenue	Median	L.H.S	R.H.S	Median	
100.7	101.7	100	100	100	Private	Govt.	2022	2022	90	90	90	10
101.7	102.7	30	30	30	Private	Govt.	2023	2023	20	20	20	10
102.7	103.7	40	40	40	Private	Govt.	2024	2024	40	40	40	10
103.7	104.7	50	50	50	Private	Govt.	2025	2025	50	50	50	10
104.7	105.7	60	60	60	Private	Govt.	2026	2026	50	50	50	10
105.7	106.7	70	70	70	Private	Govt.	2027	2027	50	50	50	10
106.7	107.7	30	30	30	Private	Govt.	2028	2028	20	20	20	10
107.7	108.7	40	40	40	Private	Govt.	2029	2029	30	30	30	10

Type of Species Planted for Fresh Plantation

Avenue	Median
Update	Update

9. After upload of template, user require to enter species of the tree(s) under “**Avenue**” & “**Median**” table as display on right of the screen.



(b) After fill the plant species information, it looks like as in right of the screen.

(c) On clicking the “Submit” information, information get submitted.

Home / Plantation Monitoring

Choose File (PIU)PlantWiseplantationData.xlsx

Show 10 entries Search:

Chainage From	Chainage To	Plantation done by other Agencies (no. of plants)			Agency Type (Name of Private/Govt.)		Planting Year		Survival of plants on site based on Actual field survey of planted saplings for Plantation done by other Agencies.(no. of plants)			Trees/ widening
		L.H.S	R.H.S	Median	Avenue	Median	Avenue	Median	L.H.S	R.H.S	Median	
100.7	101.7	100	100	100	Private	Govt.	2022	2022	90	90	90	10
101.7	102.7	30	30	30	Private	Govt.	2023	2023	20	20	20	10
102.7	103.7	40	40	40	Private	Govt.	2024	2024	40	40	40	10
103.7	104.7	50	50	50	Private	Govt.	2025	2025	50	50	50	10
104.7	105.7	60	60	60	Private	Govt.	2026	2026	50	50	50	10
105.7	106.7	70	70	70	Private	Govt.	2027	2027	50	50	50	10
106.7	107.7	30	30	30	Private	Govt.	2028	2028	20	20	20	10
107.7	108.7	40	40	40	Private	Govt.	2029	2029	30	30	30	10
108.7	109.7	50	50	50	Private	Govt.	2030	2030	40	40	40	10
109.7	110.7	60	60	60	Private	Govt.	2031	2031	50	50	50	10

Showing 1 to 10 of 15 entries

Previous **1** 2 Next

Type of Species Planted for Fresh Plantation

Avenue	Median
Amaltas (Cassia fistula) - 800 Babool (Acacia nilotica) - 200 Bottle brush (Callistemon citrinus) - 200 Eucalyptus (Eucalyptus spp.) - 200 Kachnar (Bauhinia variegata) - 200 Others - 40	Bougainvillea (Bougainvillea spectabilis) - 200 Duranta (Duranta ripens) - 200 Glaucous Cassia (Cassia glauca) - 200 Henna/Mehandi (Lawsonia inermis) - 100 Hummingbird bush (Hamelia patens) - 100 Others - 20
1640	820

10. Same process of fill “New” information of Plant species, is repeat in AE Login and the whole process get completed.