



BRUHAT BENGALURU MAHANAGARA PALIKE

Office of
The Deputy Conservator of Forests,
Bruhat Bengaluru Mahanagara Palike,
N R Square, Annex Building - 3, Bengaluru.

No. DCF/PR/1783/2022-23/

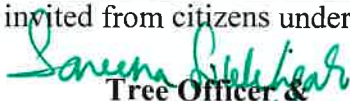
Date: 23.01.2023

PUBLIC NOTICE

This is to bring to the notice of the Citizens of Bengaluru that the Executive Engineer, WWM-P-Challaghatta Valley, BWSSB, K & C Valley, STP Premises, B. Nagasandra, Yamalur Post, Bengaluru, has submitted an application to the undersigned for removal of trees standing at K & C Valley, STP Premises, Nagasandra, Yamalur Post, Bengaluru, for Work of Design, Upgradation and Rehabilitation of existing 248 MLD capacity Used Water Treatment Plant. The details are given below:

Name of the project	Work of Design, Upgradation and Rehabilitation of existing 248 MLD capacity Used Water Treatment Plant			
Name of the Agency	Bangalore Water Supply and Sewerage Board (BWSSB), WWM Project Challaghatta Valley Division, K & C Valley, STP Premises, B.Nagasandra, Yamaluru Post, Bengaluru			
Purpose for removal of trees	The trees are standing inside K & C Valley, STP Premises, Nagasandra, Yamalur Post, Bengaluru which are coming within the project area of Work of Design, Upgradation and Rehabilitation of existing 248 MLD capacity Used Water Treatment Plant			
Description of the area with clear demarcation of boundaries or with GPS readings	Boundary	Latitude (N)	Longitude (E)	Location
	1	12.9418	77.6580 ⁰	K & C Valley, STP Premises, Nagasandra, Yamalur Post, Bengaluru
	2	12.9421	77.6588 ⁰	
	3	12.9415	77.6558	
	4	12.9487	77.6543	
Enumeration of trees				
• Total no. of trees standing in the project area		305 Nos (Annexure-1)	Description of trees, species, location, area, etc., are uploaded in the website of BBMP for information of all. (www.bbmp.gov.in)	
• Total no. of trees proposed to be removed		305 Nos (Annexure-1)		
Mode of communication of comments (Public can send their comments either by E-mail / Post / Hand)	Address: The Deputy Conservator of Forests & Tree Officer, BBMP, N.R Square, Bangalore- 560002. E-mail id: dcfbbmp12@gmail.com / eewwmpcv@bwssb.gov.in * *Comments communicated directly to BWSSB, should also be marked a copy to the Tree-Officer/DCF, BBMP			
Deadline for filing objections	Ten (10) days from the date of publication of this notification in Newspaper * Objections/Comments/Suggestions should be relevant and specific to the project			

In view of the above, the suggestions/objections/comments are invited from citizens under Section 8 (3) (vii) of the Karnataka Preservation of Tree Act, 1976.


Tree Officer &
Deputy Conservator of Forests,
BBMP, Bengaluru



ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

ಉಪ ಅರಣ್ಯ ಸಂರಕ್ಷಣಾಧಿಕಾರಿಗಳು, ಅರಣ್ಯ ಘಟಕ,
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

ಅನೆಕ್ಸ್ ಜಿಲ್ಲೆ - 3, ಎನ್. ಆರ್. ವೃತ್ತ, ಬೆಂಗಳೂರು-560 002.

ಸಂಖ್ಯೆ: ಉಸಂ/ಪಿಆರ್/1783/2022-23

ದಿನಾಂಕ: 23.01.2023

ಸಾರ್ವಜನಿಕ ಪ್ರಕಟಣೆ

ಈ ಮೂಲಕ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಮತ್ತು ಸುತ್ತಮುತ್ತಲಿನ ಸಮಸ್ತ ನಾಗರಿಕರ ಗಮನಕ್ಕೆ ತರಬಯಸುತ್ತಿರುವುದೇನೆಂದರೆ, ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು, WWM-ಯೋಜನೆ, ಚಲಫಟ್ಟ ಕಣಿವೆ, ಬೆಂಗಳೂರು ನೀರು ಸರಬರಾಜು ಮತ್ತು ಒಳಚರಂಡಿ ಮಂಡಳಿ, ಕೆ & ಸಿ ಕಣಿವೆ, ಒಳಚರಂಡಿ ನೀರು ಸಂಸ್ಕರಣೆ ಆವರಣ, ಬಿ ನಾಗಸಂದ್ರ, ಯಮಲೂರು ಅಂಚೆ, ಬೆಂಗಳೂರು, ಇವರು ತಮ್ಮ ಆವರಣದಲ್ಲಿನ Work of Design, Upgradation and Rehabilitation of existing 248 MLD capacity Used Water Treatment Plant ಕಾಮಗಾರಿಗೆ ಅಡ್ಡ ಬರುತ್ತಿರುವ ಮರಗಳ ತೆರವಿಗಾಗಿ ಮನವಿ ಸಲ್ಲಿಸಿರುವ ವಿವರಗಳು ಈ ಕೆಳಕಂಡಂತಿರುತ್ತವೆ:

ಯೋಜನೆಯ ಹೆಸರು	Work of Design, Upgradation and Rehabilitation of existing 248 MLD capacity Used Water Treatment Plant			
ಎಜೆನ್ಸಿಯ ಹೆಸರು	ಬೆಂಗಳೂರು ನೀರು ಸರಬರಾಜು ಮತ್ತು ಒಳಚರಂಡಿ ಮಂಡಳಿ, ಕೆ & ಸಿ ಕಣಿವೆ, ಒಳಚರಂಡಿ ನೀರು ಸಂಸ್ಕರಣೆ ಆವರಣ, ಬಿ ನಾಗಸಂದ್ರ, ಯಮಲೂರು ಅಂಚೆ, ಬೆಂಗಳೂರು			
ಮರ ತೆರವುಗೊಳಿಸುವ ಉದ್ದೇಶ	Work of Design, Upgradation and Rehabilitation of existing 248 MLD capacity Used Water Treatment Plant ಕಾಮಗಾರಿಗೆ ಅಡ್ಡ ಬರುತ್ತಿರುವ ಮರಗಳು			
ಯೋಜನಾ ಪ್ರದೇಶದ ನಿರ್ದೇಶಾಂಕಗಳು	Boundary	Latitude (N)	Longitude (E)	Location
	1	12.9418	77.6580 ⁰	K & C Valley, STP Premises, Nagasandra, Yamalur Post, Bengaluru
	2	12.9421	77.6588 ⁰	
	3	12.9415	77.6558	
	4	12.9487	77.6543	
ಯೋಜನಾ ಪ್ರದೇಶದಲ್ಲಿ ಪ್ರಸ್ತುತ ಇರುವ ಮರಗಳು	305 No's (Annexure-1)		ಮರಗಳ ಜಾತಿ, ಅಳತೆಪಟ್ಟಿ ಹಾಗೂ ಮರಗಳಿರುವ ಜಾಗಗಳ ವಿವರಗಳನ್ನು ಬಿಬಿಎಂಪಿ ವೆಬ್ ಸೈಟ್ ನಲ್ಲಿ ಮಾಹಿತಿಗಾಗಿ ಒದಗಿಸಲಾಗಿದೆ. (www.bbmp.gov.in)	
ಯೋಜನಾ ಪ್ರದೇಶದಲ್ಲಿ ತೆರವುಗೊಳಿಸಬೇಕಾದ ಮರಗಳು	305 No's (Annexure-1)			
ಆಕ್ಷೇಪಣೆಗಳನ್ನು ಸಲ್ಲಿಸುವ ವಿಧಾನ (ಸಾರ್ವಜನಿಕರು ನೇರವಾಗಿ/ಇ-ಮೇಲ್/ಅಂಚೆ ಮುಖಾಂತರ ಈ ಕೆಳ ಸಹಿದಾರರ ಕಛೇರಿಗೆ ಸಲ್ಲಿಸಬಹುದು)	ವಿಳಾಸ: ಉಪ ಅರಣ್ಯ ಸಂರಕ್ಷಣಾಧಿಕಾರಿ, ಬಿಬಿಎಂಪಿ, ಎನ್.ಆರ್. ಸ್ಟೇಷನ್, ಬೆಂಗಳೂರು – 560 002. Email ID: dcfbbmp12@gmail.com / ewwwmpcv@bwssb.gov.in *			
ಆಕ್ಷೇಪಣೆಗಳನ್ನು ಸಲ್ಲಿಸಬೇಕಾದ ಅವಧಿ	*ಆಕ್ಷೇಪಣೆಗಳನ್ನು BWSSB ಗೆ ಸಲ್ಲಿಸಿದ್ದಲ್ಲಿ, ಅದರ ಪ್ರತಿಯನ್ನು DCF, BBMP ರವರಿಗೂ ಸಲ್ಲಿಸತಕ್ಕದ್ದು ಈ ಪ್ರಕಟಣೆ ಹೊರಡಿಸಿದ ದಿನಾಂಕದಿಂದ 10 ದಿನಗಳೊಳಗಾಗಿ ಸಲ್ಲಿಸತಕ್ಕದ್ದು ಸೂಚನೆ: ಆಕ್ಷೇಪಣೆಗಳು ಪ್ರಸ್ತಾವಿತ ಯೋಜನೆಗೆ ಮಾತ್ರ ಸಂಬಂಧಿಸಿರಬೇಕು.			

ಮೇಲ್ಕಂಡ ಪ್ರದೇಶದಲ್ಲಿನ ಮರಗಳನ್ನು ತೆರವುಗೊಳಿಸುವ ಸಂಬಂಧ ಸಾರ್ವಜನಿಕರ ಆಕ್ಷೇಪಣೆ/ಸಲಹೆಗಳಿದ್ದಲ್ಲಿ ಕರ್ನಾಟಕ ವೃಕ್ಷ ಸಂರಕ್ಷಣಾ ಕಾಯಿದೆ 1976 ಸೆಕ್ಷನ್ 8 (3) (vii) ಪ್ರಕಾರ ಸಲಹೆ - ಸೂಚನೆಗಳನ್ನು ನೀಡಲು ಆಹ್ವಾನಿಸಲಾಗಿದೆ.

Sreenivas Lichipar
ವೃಕ್ಷ ಅಧಿಕಾರಿ

ಉಪ ಅರಣ್ಯ ಸಂರಕ್ಷಣಾಧಿಕಾರಿ
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು



BANGALORE WATER SUPPLY AND SEWERAGE BOARD

Office of the Executive Engineer, WWM Project Challaghatta Valley Division,
K&C Valley STP Premise, B. Nagasandra, Yamaluru Post, Bangalore – 560 037.

No. BWSSB/EE (WWM-P- CV)/AEE(WWM-P-CV1)/AE/411 /2022-23 Date: 21.01.2023

To,
Deputy Conservator of Forests,
1st Floor Annexure 3 Building,
BBMP Forest Department,
Bengaluru 560 001.

Sir,

Sub: Work of Design, Upgradation and Rehabilitation of existing 248 MLD capacity Used Water Treatment Plants at K&C Valley, Bengaluru including Commissioning, O&M for a period of 5 years along with O&M during DB period. – **Reg Removal of Trees**

- Ref: 1. W.O. No. BWSSB/CE(WWM)/ACE(WWM)-1/DCE(WWM)/TA-1/136/2022-23 Dated 27.04.2022.
2. SIPL/BWSSB/K&CV/2022/132 Dated: 20.09.2022.
3. SIPL/BWSSB/K&CV/2022/257 Dated: 09.01.2023.
4. No. BWSSB/EE(WWM-P- CV)/AEE(WWM-P-CV1)/AE/231/2022-23 Date: 21.11.2023.
5. SIPL/BWSSB/K&CV/2022/259 Dated: 11.01.2023.

With reference to the above subject, the work of Design, Upgradation and Rehabilitation of existing 248 MLD capacity Used Water Treatment Plants at K&C Valley, Bengaluru including Commissioning, O&M for a period of 5 years along with O&M during DB period is awarded vide ref (1) to M/s Suez India Pvt. Ltd.

BWSSB is having 4 Sewage treatment Plants near Nagasandra Village, Yamaluru Post, Bangalore (Known as K&C Valley STP's) which are treating almost 40% of the sewage generated from Bangalore city. Out of four STP's, Two STP's namely 218 MLD and 30 MLD STP's are built around 25 and 18 years back respectively which were constructed to treat as per old discharge limits set by the KSPCB/CPCB norms. Recently, Hon'ble National Green Tribunal, Principal Bench, New Delhi in Original Application No. 1069/2018 has revised the effluent discharge standards for new as well as existing/under construction STPs.

Further, Minor Irrigation department has also taken a prestigious project of recharging the ground water table by filling the treated water from K&C Valley STP's to the lakes of Kolar district and Chikkaballapura taluk.

In this regard, BWSSB has taken up the above work wherein 218 MLD STP and 30 MLD STP will be upgraded to latest discharge standards prescribed by CPCB/NGT and supply treated water to lakes of Kolar district and Chikkaballapur taluk.

Further, Rehabilitation/Upgradation work is taken up within the available space in K&C Vally premises wherein some of the existing structures will be retained and remaining structures will be demolished. Further, new sludge handling structures will be added.

Hence, a letter vide ref (4) was addressed to your kind self to grant permission to cut 259 trees'. The necessary approval is awaited. Meanwhile, officials from Forest department have visited the site in first and second week of December and have surveyed the project area. During the survey the following type and number of trees are identified by officials from Forest department including girth size of less than 30 cm. The same are marked in the new plant layout and submitted for kind reference.

Sl. No	Species/ Type of trees	Numbers
1	Teak	120
2	Tabuebuia avellanedae	16
3	Simarouba	19
4	Eucalyptus	33
5	Ashoka	9
6	Guava	7
7	Acacia auriculiformis	7
8	Pheltophorum	3
9	Bili jali	3
10	Gasagase	6
11	Subabul	8
12	Nerale	2
13	Sihi hunse	1
14	Dalichand	3
15	Bamboo	4
16	Athi	5
17	Aala	3
18	Arali	4
19	Gulmohar	6
20	Rain tree	8
21	Royal palm	5
22	Citrus lime	1
23	Jackfruit	2
24	Mangoe	2
25	Spathodea	8
26	Kadubadami	1
27	Neem	1
28	Sandal	2
29	Pongamia	2
30	Coconut	1
31	Wild date palm	1
32	Akasha mallige	8
33	Christmas tree	1
34	Plumaria alba	1
35	Bela	1
36	Tabubea argentia	1
Total number of trees		305



In view of above, it is hereby requested to grant permission to cut the above-mentioned trees in order to execute the Upgradation/Rehabilitation of existing 248 MLD STP as per directions of Hon'ble NGT inside the K&C Valley premises.

Thanking you.

Encl: Plant Layout.


**Executive Engineer,
WWM-P-Challaghatta Valley,
BWSSB K&C Valley STP Premise,
B Nagasandra, Yamalur Post Bengaluru-560037.**

Copy submitted to CE(WWM-East)-BWSSB for kind information.

Copy submitted to ACE(WWM-P-East)-BWSSB for kind information.

Copy to AEE(WWM-P-CV-1)-BWSSB for information and necessary action.

Copy to M/s Suez India Pvt. Ltd., # 18, CSI Compound, Mission Road, Bangalore-560027,
for information and follow-up action.

Copy to M/s CH2M Hill India Pvt. Ltd., No.43/4, Renaissance, 2nd Floor, 14th Cross, 8th Main,
Malleshwaram, Bangalore-560003 for information and necessary action.

Tree List of BWSSB Challaghatta STP construction site

SI No	Tree No	Tree Name	Girth (In Mtr)	Height (In Mtr)	Remarks
1	1	Bili jali	1.45	4.0	
2	2	Bili jali	1.05	2.5	
3	3	Eucalyptus	0.60	3.0	
4	4	Eucalyptus	0.55	3.0	
5	5	Eucalyptus	0.65	3.0	
6	6	Eucalyptus	0.55	3.0	
7	7	Eucalyptus	0.65	4.0	
8	8	Eucalyptus	0.60	3.0	
9	9	Simarouba	0.55	3.0	
10	10	Simarouba	0.45	2.0	
11	11	Simarouba	0.80	3.0	
12	12	Simarouba	0.70	1.5	
13	13	Nerale	1.10	2.0	
14	14	Subabul	1.05	4.0	
15	15	Subabul	0.95	4.0	
16	16	Subabul	0.90	4.0	
17	17	Subabul	0.80	4.0	
18	18	Subabul	1.05	4.0	
19	19	Tabuebuia avellanedae	0.35	1.5	
	A		0.25		
20	20	Tabuebuia avellanedae	0.30	1.5	
21	21	Tabuebuia avellanedae	0.45	2.0	
22	22	Tabuebuia avellanedae	0.40	2.0	
23	23	Gasagase	0.50	2.0	
24	24	Simarouba	0.80	1.5	
25	25	Sihi hunse	0.75	1.5	
	A		0.70		
26	26	Tabuebuia avellanedae	0.50	1.5	
	A		0.45		
27	27	Tabuebuia avellanedae	0.45	1.5	
28	28	Tabuebuia avellanedae	0.35	1.5	
29	29	Tabuebuia avellanedae	0.5	1.5	
30	30	Tabuebuia avellanedae	0.35	1.5	
31	31	Tabuebuia avellanedae	0.28	1.5	
	A		0.24		
32	32	Simarouba	0.70	4.0	
	A		0.65		
33	33	Simarouba	1.05	3.0	
34	34	Dalichand	0.70	4.0	
35	35	Tabuebuia avellanedae	0.50	2.0	
36	36	Tabuebuia avellanedae	0.40	1.5	
37	37	Dalichand	0.25	1.5	
38	38	Dalichand	0.25	1.5	
39	39	Tabuebuia avellanedae	0.45	2.0	
40	40	Teak	0.90	2.5	
41	41	Tabuebuia avellanedae	0.45	1.5	
42	42	Bamboo	25 poles		

43	43	Gulmohar	0.60	5.0	
44	44	Athi	0.75	1.5	
45	45	Raintree	1.70	2.5	
	A		0.80		
46	46	Gulmohar	0.38	2.0	
	A		0.33		
47	47	Gulmohar	0.80	4.0	
	A		0.80		
48	48	Gulmohar	0.80	4.0	
49	49	Rain tree	2.50	2.0	
50	50	Spathodea	0.40	2.0	
51	51	Gulmohar	0.35	1.5	
52	52	Gulmohar	0.70	1.5	
	A		0.35		
53	53	Gasagase	0.50	2.0	
54	54	Gasagase	0.60	4.0	
55	55	Kadubadami	0.55	3.0	
56	56	Nerale	0.60	3.0	
57	57	Neem	0.45	2.5	
58	58	Arali	1.00	2.0	
	A		0.90		
59	59	Royal palm	1.5	5.0	
60	60	Royal palm	1.5	5.0	
61	61	Royal palm	1.5	5.0	
62	62	Guava	0.45	1.5	
	A		0.30		
63	63	Royal palm	1.5	5.0	
64	64	Royal palm	1.5	5.0	
65	65	Citrus lime	0.35	1.5	
66	66	Mangoe	0.55	1.5	
67	67	Spathodea	0.30	1.5	
68	68	Guava	0.30	1.5	
69	69	Gasgase	0.30	1.5	
	A		0.25		
70	70	Gasgase	0.80	1.5	
71	71	Ashoka	0.48	1.5	
	A		0.20		
72	72	Ahoka	0.55	3.0	
73	73	Ashoka	0.40	3.0	
74	74	Ashoka	0.55	1.5	
75	75	Ashoka	0.45	4.0	
76	76	Ashoka	0.32	1.5	
77	77	Gasagase	0.80	2.0	
78	78	Bamboo	20 poles		
79	79	Bamboo	25 poles		
80	80	Bamboo	15 poles		
81	81	Jackfruit	0.35	1.5	
82	82	Guava	0.25	1.5	
83	83	Sandal	0.25	1.5	
84	84	Guava	0.25	1.5	
85	85	Guava	0.27	1.5	

	A		0.25		
86	86	Guava	0.40	1.5	
	A		0.20		
87	87	Acacia auriculiformis	1.00	1.5	
	A		0.80		
88	88	Acacia auriculiformis	1.10	1.5	
89	89	Acacia auriculiformis	1.10	3.0	
90	90	Simarouba	1.00	1.5	
	A		0.85		
	B		0.60		
91	91	Simarouba	0.80	1.5	
	A		0.78		
92	92	Spathodea	1.5	2.5	
93	93	Simarouba	1.05	2.0	
	A		1.04		
94	94	Acacia auriculiformis	1.00	3.0	
95	95	Acacia auriculiformis	0.92	1.5	
	A		0.65		
96	96	Acacia auriculiformis	0.60	5.0	
97	97	Simarouba	0.85	1.5	
98	98	Simarouba	0.74	1.5	
	A		0.70		
99	99	Simarouba	0.78	1.5	
	A		0.65		
100	100	Simarouba	0.95	4.0	
101	101	Simarouba	1.00	4.0	
102	102	Simarouba	0.95	4.0	
103	103	Simarouba	0.70	2.0	
	a		0.60		
104	104	Guava	0.32	1.5	
	a		0.23		
105	105	Teak	0.85	2.5	
106	106	Teak	0.75	2.5	
107	107	Teak	0.45	2.5	
108	108	Teak	0.95	3.0	
109	109	Teak	1.05	2.5	
110	110	Teak	0.60	2.5	
111	111	Teak	0.35	2.0	
112	112	Teak	0.70	5.0	
113	113	Teak	0.55	1.5	
114	114	Teak	0.65	3.0	
115	115	Teak	0.50	3.0	
116	116	Teak	0.85	4.0	
117	117	Teak	0.65	4.0	
118	118	Teak	0.45	2.0	
119	119	Teak	0.70	4.0	
120	120	Teak	0.40	4.0	
121	121	Teak	0.85	3.0	
122	122	Teak	0.55	3.0	
123	123	Teak	0.50	3.0	
124	124	Teak	0.75	4.0	

125	125	Teak	0.80	4.0	
126	126	Teak	0.70	4.0	
127	127	Teak	0.65	4.0	
128	128	Teak	0.45	3.0	
129	129	Teak	1.00	4.0	
130	130	Teak	0.65	3.0	
131	131	Teak	0.65	3.0	
132	132	Teak	0.45	3.0	
133	133	Teak	0.80	4.0	
134	134	Teak	0.75	3.0	
135	135	Teak	0.50	3.0	
136	136	Teak	0.65	3.0	
137	137	Teak	0.48	3.0	
138	138	Teak	0.85	3.0	
139	139	Teak	0.55	2.0	
140	140	Acacia auriculiformis	0.80	2.0	
141	141	Spathodea	0.75	5.0	
142	142	Teak	0.65	5.0	
143	143	Teak	0.60	2.0	
144	144	Teak	0.70	3.0	
145	145	Teak	0.55	3.0	
146	146	Rain tree	0.45	2.0	
147	147	Teak	0.45	3.0	
148	148	Teak	0.85	4.0	
149	149	Teak	0.65	2.0	
150	150	Subabul	0.95	3.0	
151	151	Simarouba	0.30	2.0	
152	152	Teak	0.57	2.0	
153	153	Teak	0.70	4.0	
154	154	Teak	0.45	3.0	
155	155	Teak	0.60	4.0	
156	156	Teak	0.40	3.0	
157	157	Teak	0.70	3.0	
	A		0.50		
158	158	Teak	0.65	4.0	
159	159	Teak	0.55	3.0	
160	160	Teak	0.45	3.0	
161	161	Teak	0.50	4.0	
162	162	Teak	0.95	3.0	
163	163	Teak	0.50	3.0	
164	164	Teak	0.70	3.0	
165	165	Teak	0.45	2.0	
166	166	Teak	0.70	4.0	
167	167	Teak	0.35	3.0	
168	168	Teak	0.60	4.0	
169	169	Teak	0.50	4.0	
170	170	Teak	0.80	4.0	
171	171	Teak	0.50	2.5	
172	172	Teak	0.55	3.0	
173	173	Teak	0.75	4.0	
174	174	Teak	0.55	4.0	

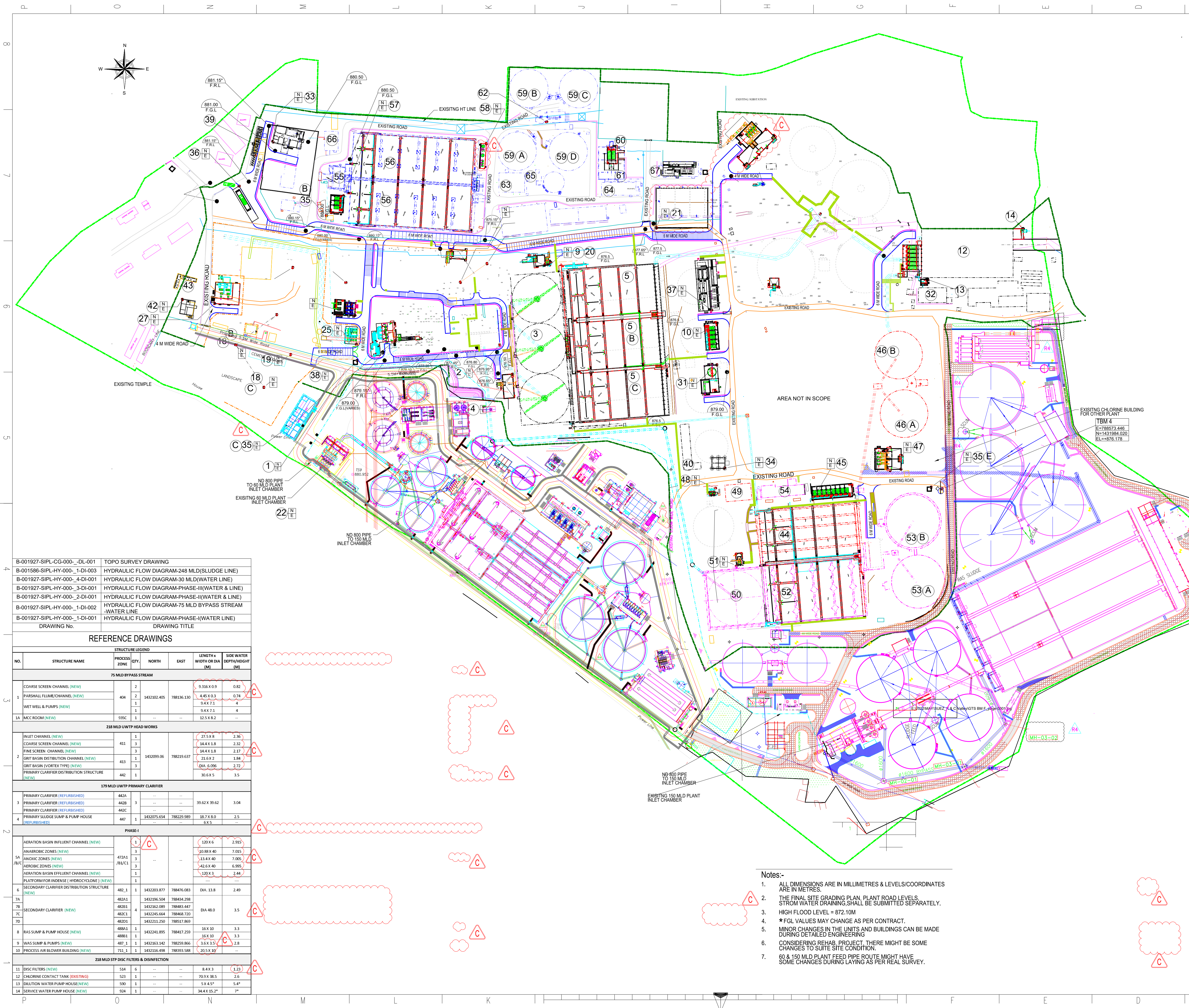
175	175	Teak	0.60	4.0	
176	176	Teak	0.80	4.0	
177	177	Teak	0.45	4.0	
178	178	Teak	0.40	4.0	
179	179	Teak	0.75	4.0	
180	180	Teak	0.50	5.0	
181	181	Teak	0.70	4.0	
182	182	Teak	0.50	3.0	
183	183	Teak	0.70	4.0	
184	184	Teak	0.60	4.0	
185	185	Teak	0.75	4.0	
186	186	Teak	0.65	4.0	
187	187	Teak	0.35	1.5	
188	188	Teak	1.10	6.0	
189	189	Teak	0.60	3.0	
190	190	Teak	0.85	2.0	
191	191	Teak	0.90	3.0	
192	192	Teak	1.05	3.0	
193	193	Teak	0.35	2.5	
194	194	Teak	0.95	1.5	
195	195	Teak	0.85	4.0	
196	196	Teak	0.45	2.5	
197	197	Teak	0.90	4.0	
198	198	Teak	0.70	3.0	
199	199	Teak	0.45	2.0	
200	200	Teak	0.70	4.0	
201	201	Teak	0.35	1.5	
	A		0.25		
202	202	Teak	1.05	3.0	
203	203	Teak	0.85	3.0	
204	204	Teak	0.45	2.0	
205	205	Teak	1.05	2.0	
206	206	Teak	0.90	3.0	
207	207	Teak	0.65	1.5	
208	208	Teak	0.70	2.0	
209	209	Teak	0.60	3.0	
210	210	Teak	0.80	2.0	
211	211	Pheltophorum	0.95	1.5	
212	212	Teak	0.42	1.5	
	A		0.30		
213	213	Teak	0.38	1.5	
	A		0.30		
214	214	Teak	0.30	1.5	
215	215	Subabul	0.65	2.0	
216	216	Subabul	0.20	1.5	
217	217	Rain tree	1.05	2.0	
	A		0.45		
218	218	Bili jali	0.60	1.5	
	A		0.45		
219	219	Teak	0.70	4.0	
220	220	Aala	0.25	1.5	

	A		0.20		
221	221	Arali	2.20	1.5	
222	222	Pongamia	0.75	1.5	
	A		0.70		
	B		0.65		
223	223	Hathi	1.10	1.5	
224	224	Sandal	0.45	1.5	
225	225	Tabuebuia avellanadae	0.45	1.5	
	a		0.44		
226	226	Eucalyptus	1.85	4.0	
227	227	Eucalyptus	2.50	5.0	
228	228	Eucalyptus	2.50	2.5	
229	229	Eucalyptus	2.40	4.0	
230	230	Eucalyptus	2.30	1.5	
231	231	Eucalyptus	2.80	4.0	
232	232	Eucalyptus	2.85	3.5	
233	233	Eucalyptus	2.40	4.0	
234	234	Eucalyptus	2.00	4.0	
235	235	Eucalyptus	2.25	4.0	
236	236	Teak	0.45	2.0	
237	237	Teak	0.40	1.5	
238	238	Teak	0.50	2.5	
239	239	Eucalyptus	1.85	3.0	
240	240	Teak	0.45	2.0	
241	241	Teak	0.60	4.0	
242	242	Teak	0.70	1.5	
243	243	Teak	0.60	4.0	
244	244	Teak	0.80	3.0	
245	245	Teak	0.90	4.0	
246	246	Teak	1.05	4.0	
247	247	Teak	0.70	5.0	
248	248	Teak	1.00	5.0	
249	249	Teak	0.50	2.0	
250	250	Common ashoka	0.90	3.0	
	a		0.80		
251	251	Spathodea	0.25	2.0	
	a		0.25		
252	252	Eucalyptus	0.35	2.0	
253	253	Pheltophorum	0.25	1.5	
	a		0.18		
	b		0.18		
254	254	Simarouba	0.30	2.0	
	a		0.30		
255	255	Eucalyptus	0.30	2.0	
256	256	Eucalyptus	2.70	3.0	
257	257	Bela	1.90	1.5	
	a		1.00		
258	258	Rain tree	3.80	1.5	
259	259	Wild date palm	0.90	9.0	
260	260	Aala	1.60	1.5	
261	261	Tabubea argentia	1.20	1.5	

262	262	Arali	2.85	2.0	
263	263	Coconut	1.00	9.0	
264	264	Athi	1.50	1.5	
265	265	Rain tree	2.50	2.0	
266	266	Jackfruit	0.25	2.0	
267	267	Rain tree	3.00	2.0	
268	268	Rain tree	1.40	3.0	
269	269	Eucalyptus	2.20	4.0	
270	270	Eucalyptus	1.30	3.0	
271	271	Ashoka	0.95	1.5	
	a		0.80		
272	272	Plumaria alba	0.80	1.5	
	a		0.65		
273	273	Eucalyptus	1.85	3.5	
274	274	Akasha mallige	1.60	3.0	
275	275	Akasha mallige	0.95	1.5	
276	276	Akasha mallige	2.30	2.0	
	a		1.00		
	b		0.80		
	c		0.60		
277	277	Arali	3.00	1.5	
278	278	Guava	0.35	1.5	
	a		0.30		
	b		0.25		
	c		0.20		
279	279	Akasha mallige	1.30	3.0	
280	280	Eucalyptus	1.50	2.0	
281	281	Eucalyptus	2.00	3.0	
282	282	Eucalyptus	1.20	3.0	
283	283	Eucalyptus	1.50	4.0	
284	284	Eucalyptus	2.40	5.0	
285	285	Aala	0.40	1.5	
286	286	Spathodea	3	1.5	
287	287	Eucalyptus	1.40	5.0	
288	288	Eucalyptus	1.50	3.0	
289	289	Eucalyptus	2.40	6.0	
290	290	Eucalyptus	2.50	2.0	
	a		1.00		
291	291	Eucalyptus	2.00	5.0	
292	292	Common ashoka	1.80	3.0	
293	293	Athi	2.50	1.5	
	A		2.50		
294	294	Spathodea	1.80	3.0	
295	295	Mngoe	0.35	1.5	
296	296	Tabuebuia avellanadae	0.60	1.5	
297	297	Spathodea	2.20	2.0	
298	298	Christmas tree	1.05	4.0	
299	299	Pongamia	1.40	1.5	
	a		1.30		
	b		1.20		
	C		0.85		

300	300	Akasha mallige	1.00	1.5	
	A		0.45		
301	301	Akasha mallige	0.45	1.5	
302	302	Akasha mallige	1.00	4.0	
303	303	Akasha mallige	0.45	3.0	
304	304	Pheltophorum	1.00	1.5	
	A		0.85		
	B		0.40		
305	305	Pheltophorum	2.20	2.0	

Sl. No	Species/ Type of trees	Numbers
1	Teak	120
2	Tabuebuia avellanedae	16
3	Simarouba	19
4	Eucalyptus	33
5	Ashoka	9
6	Guava	7
7	Acacia auriculiformis	7
8	Pheltophorum	3
9	Bili jali	3
10	Gasagase	6
11	Subabul	8
12	Nerale	2
13	Sihi hunse	1
14	Dalichand	3
15	Bamboo	4
16	Athi	5
17	Aala	3
18	Arali	4
19	Gulmohar	6
20	Rain tree	8
21	Royal palm	5
22	Citrus lime	1
23	Jackfruit	2
24	Mangoe	2
25	Spathodea	8
26	Kadubadami	1
27	Neem	1
28	Sandal	2
29	Pongamia	2
30	Coconut	1
31	Wild date palm	1
32	Akasha mallige	8
33	Christmas tree	1
34	Plumaria alba	1
35	Bela	1
36	Tabubea argentia	1
Total number of trees		305



LEGEND	
	EXISTING PLANT BOUNDARY FOR ALL PHASE(TO BE CONFIRM LATER)
	BOUNDARY LINE(TO BE CONFIRM LATER)
	EXISTING STRUCTURE-PHASE-I
	EXISTING STRUCTURE-PHASE-II
	EXISTING STRUCTURE-PHASE-III
	EXISTING STRUCTURE-30 MLD PLANT
	PROPOSED CHAIN LINK FENCE(AROUND DIGESTER AREA)
	STRUCTURE TO BE DEMOLISH (FOR ALL PHASE)
	NEW STRUCTURES (FOR ALL PHASE)
	PROPOSED ROAD(WIDTH TO BE CONFIRM LATER)
	EXISTING ROAD
	EXISTING DRAIN
	RAW WATER / TREATED WATER PIPE
	FINISHED GROUND LEVEL(TO BE CONFIRMED LATER)
	FINISHED ROAD LEVEL(TO BE CONFIRMED LATER)
	CO-ORDINATES (REFER TABLE)
	GATE
	PATHWAY

BWSSB		Jacobs ch2m	
A	Approved, Manufacture/Construction may commence		
B	Acceptable subject to changes indicated. Resubmit for approval but Manufacture/Construction may commence		
C	Amend as comments indicated and resubmit for approval		
D	Comments noted in letter/memo attached to approval. Transmittal No. Dated:amend as comments indicated and resubmit for approval		
E	Amend as comments indicated and resubmit for record		
F	Comments noted in letter/memo attached to forwarding transmittal No. Dated:amend as comments indicated and resubmit for record		
G	Drawing of this category is for information and hence not required to be approved		
H	Returned without review		

For CH2M		For BWSSB	
Verified By	Checked By	Reviewed By	Approved By
Project Manager	EE (WWM-P-CV)	ACE (WWM-P-E)	Chief Engineer (WWM-E)
DATE:	DATE:	DATE:	DATE:

C	21.11.2022	SR	SR	JKP	VD	FOR APPROVAL
B	15.09.2022	SR	SR	JKP	VD	FOR APPROVAL
A	17.08.2022	SR	SR	JKP	VD	FOR APPROVAL
REV	DATE OF ISSUE	PREPARED BY	CHECKED BY	VALIDATED BY	AUTH. SIGN.	SUBMISSION PURPOSE

CLIENT : BANGALORE WATER SUPPLY & SEWERAGE BOARD

CONSULTANT : M/s CH2M HILL INDIA PRIVATE LIMITED

PROJECT: DESIGN, UPGADATION AND REHABILITATION OF EXISTING 248 MLD CAPACITY USED WATER TREATMENT PLANTS AT K&C VALLEY, BENGALURU

CONTRACTOR: M/s SUEZ India Pvt. Ltd., Unitech Business Park, Tower-A, 11nd Floor South City-1, Gurgaon-122001, India

BASIC DRAWING	
GENERAL PLANT LAYOUT	
PROJECT NO.	ISSUER
B-001927	SIPL
DISCIPLINE	PROCESS CODE
GE	000
SUB-PROC. CODE	DOCUMENT TYPE
	DL
NUMBER	REV
001	C
VERSION	0

- Notes:-
- ALL DIMENSIONS ARE IN MILLIMETRES & LEVELS/COORDINATES ARE IN METRES.
 - THE FINAL SITE GRADING PLAN, PLANT ROAD LEVELS, STORM WATER DRAINING, SHALL BE SUBMITTED SEPARATELY.
 - HIGH FLOOD LEVEL = 872.10M
 - *FGL VALUES MAY CHANGE AS PER CONTRACT.
 - MINOR CHANGES IN THE UNITS AND BUILDINGS CAN BE MADE DURING DETAILED ENGINEERING
 - CONSIDERING REHAB. PROJECT, THERE MIGHT BE SOME CHANGES TO SUITE SITE CONDITION.
 - 60 & 150 MLD PLANT FEED PIPE ROUTE MIGHT HAVE SOME CHANGES DURING LAYING AS PER REAL SURVEY.