



SMBT Sevabhavi Trust's

SMBT AYURVED COLLEGE AND HOSPITAL

Nandihills, Dhamangaon-Ghoti, Tal. Igatpuri, Nashik-422403 Ph. (02553) 282341
Email : principal.ayurved@smbt.edu.in | smbtayurved@gmail.com | www.smbt.edu.in

AMC ORDER FOR R. O. PLANT

SMBT SAU. MATHURABAI BHAUSAHEB THORAT SEVABHAVI TRUST
(DHAMANGAON UNIT)
Nandi-Hills, Dhamangaon, Tal. Igatpuri, Dist. Nashik.

ATTC
SMBTSTD/CMDAWO/2019-20/22
CENTRAL MAINT DEPT
Date: - 07.07/2019
AMC ORDER

To,
M/S-Unique Aqua Systems & Chemical Industries,
4, Sai Shree Industrial Estate, Plot No-8,
Survey No-82/1, MIDC Area, Near Ambad Village
Nashik-422010,
Mob-09850066616, 9922661222.

Subject: - Non Comprehensive AMC order for R.O. Plant – 5 Nos at SMBT Campus Dhamangaon.
Ref: - Your Quotation No – UNI/2806/1920/0001 Dated 28.06.2019

Dear Sir,
With reference to your above quotation no - UNI/2806/1920/0001 Dated 28.06.2019 & subsequent discussion had with you, we are pleased to place **non comprehensive AMC order** for annual maintenance of our R.O. Plant – 5 Nos each at Hospital, Nursing Hostel, Dental OPD & College, MBBS Boy's & Girl's Hostel in SMBT Campus Dhamangaon as per following Rates, terms and conditions.

Sr No	Description	Quantity	Rate	Amount
1	Non comprehensive AMC of our R.O. Plant, 1000 LPH,3 Ph, 415V, 50Hz. complete	5 No	18000/-	90000/-
Total Basic amount :-				90000/-
Add GST 18% :-				16200/-
Net Total Amount :-				106200/-

In word: - Rs. One Lakh Six Thousand Two Hundred only.

TERMS & CONDITIONS

1. Rates: - As stated above.
2. Payment: - 50% advance along with order & balance 50% after 6 months from the date of order.
3. Maintenance contract period will be of one year effective from 06.07.2019 to 06.07.2020.
4. Your Technician will visit once in every month to service & see the proper operation of each R.O. plant.
5. The contract type will be Non Comprehensive Annual Maintenance Contract which takes care of preventive maintenance of the RO plant complete in all respect.
6. Labour charges for changing cartridge filter, Carbon Media & CIP of membranes of each RO plant will be free once in a year. (Spares required will be at extra cost).
7. Any training require to our technician/operators in case of any problem will be given free by your representative.
8. All other terms conditions of contract will be same as per your above referred quotation.
9. The materials that required for replacement or repairs during contract period are not included in this contract.

You are requested to please sign the copy of this order & acknowledge the receipt of order as an acceptance of the order & start the process accordingly at the earliest.

Thanking you,

Authorized Sign
M/S Unique Aqua Systems & Chemical Industries.

[Signature]
Chief Officer
SMBT SEVABHAVI TRUST

[Signature]

REDMI NOTE 8
AI QUAD CAMERA

STP OPERATION & CHEMICAL DOSING DETAILS

SMBTSEVABHAVI TRUST, Dhamangaon
Central Maintenance Department
STP Operation & Chemical Dosing Detail's

A). Chemical Dosing Chart

Sr. No.	Chemical	Qty. For Clear Raw Water	Time Period
		(lit./50Ltr.)	
1	Hypo (Sodium hypochlorite)	2 to 3	For 8 Hrs.

B) Raw water input :-3 to 5 LPS

C) Sand & Carban Filter Backwash - Once in every Shift


D) Cleaning of STP- Once in a Week.

E) Pump operation

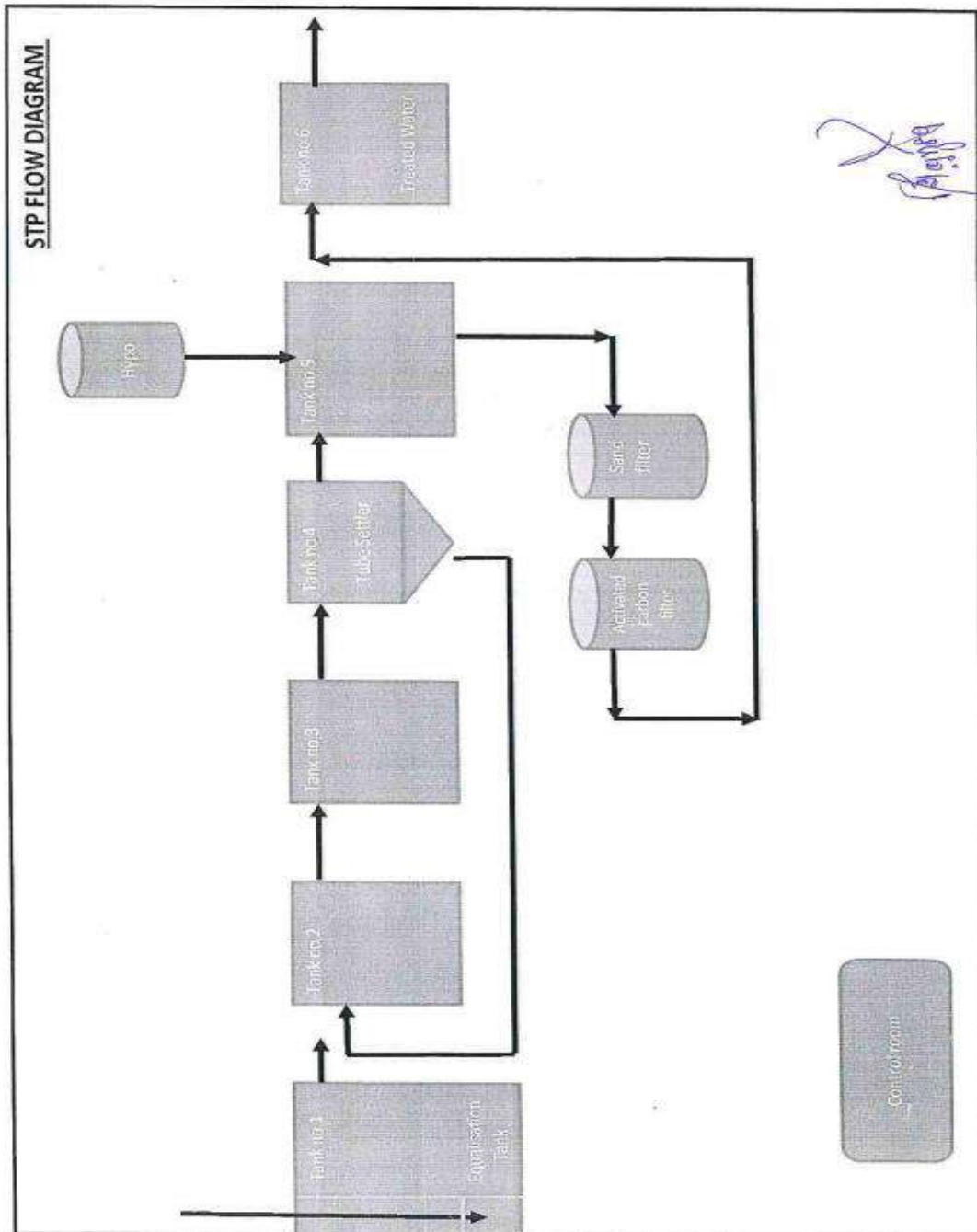
Pump No.	Pump	Operation
1 & 2	Sawage Transfer Pump	Alternative
3 & 4	Air Blower	Alternative
5 & 6	Sludge Recycle Pump	Alternative
7 & 8	Filter Feed Pump	Alternative
9 & 10	Filter Water Pump	Alternative

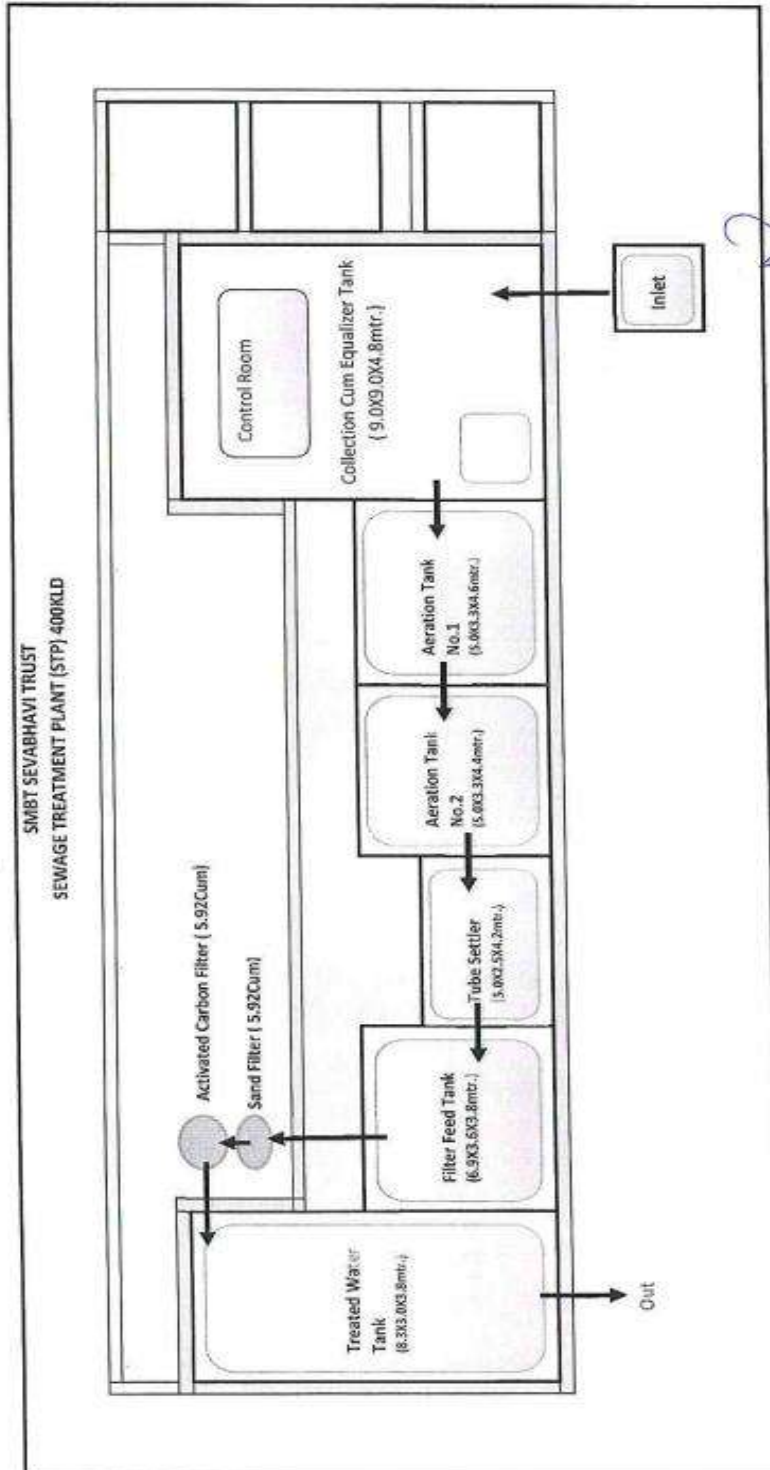
F) Parts of STP

Sr. No.	Name Of Part	Operation	Capacity/Size	Unit
1	Tank No. 1	Collection Cum Equalizer Tank	388800	Ltr.
2	Tank No. 2	Aeration Tank 1	75900	Ltr.
3	Tank No. 3	Aeration Tank 2	72800	Ltr.
4	Tank No. 4	Tube Settler	52500	Ltr.
5	Tank No. 5	Filter Feed Tank	94392	Ltr.
6	Tank No. 6	Treated Water Tank	94620	Ltr.
7	Sand Filter	Filter the Water	5.92	Cum
8	Activated Carbon Filter	Filter the Water	5.92	Cum
9	Hypo Dosing Pump	Dosing Chemical to Tank No. 5	2.5HP	2Nos
10	Sawage Transfer Pump	Sawage Transfer	2HP	2Nos
11	Air Blower	Aeration	20HP,11.35KW	2Nos
12	Sludge Recycle Pump	Sludge Recycle	2HP	2Nos
13	Filter Feed Pump	Filteration Tank	5HP	2Nos
14	Filter Water Pump	Transfer Gardening	5HP	2Nos


I/C CMD
SMBTSEVABHAVI TRUST, Dhamangaon

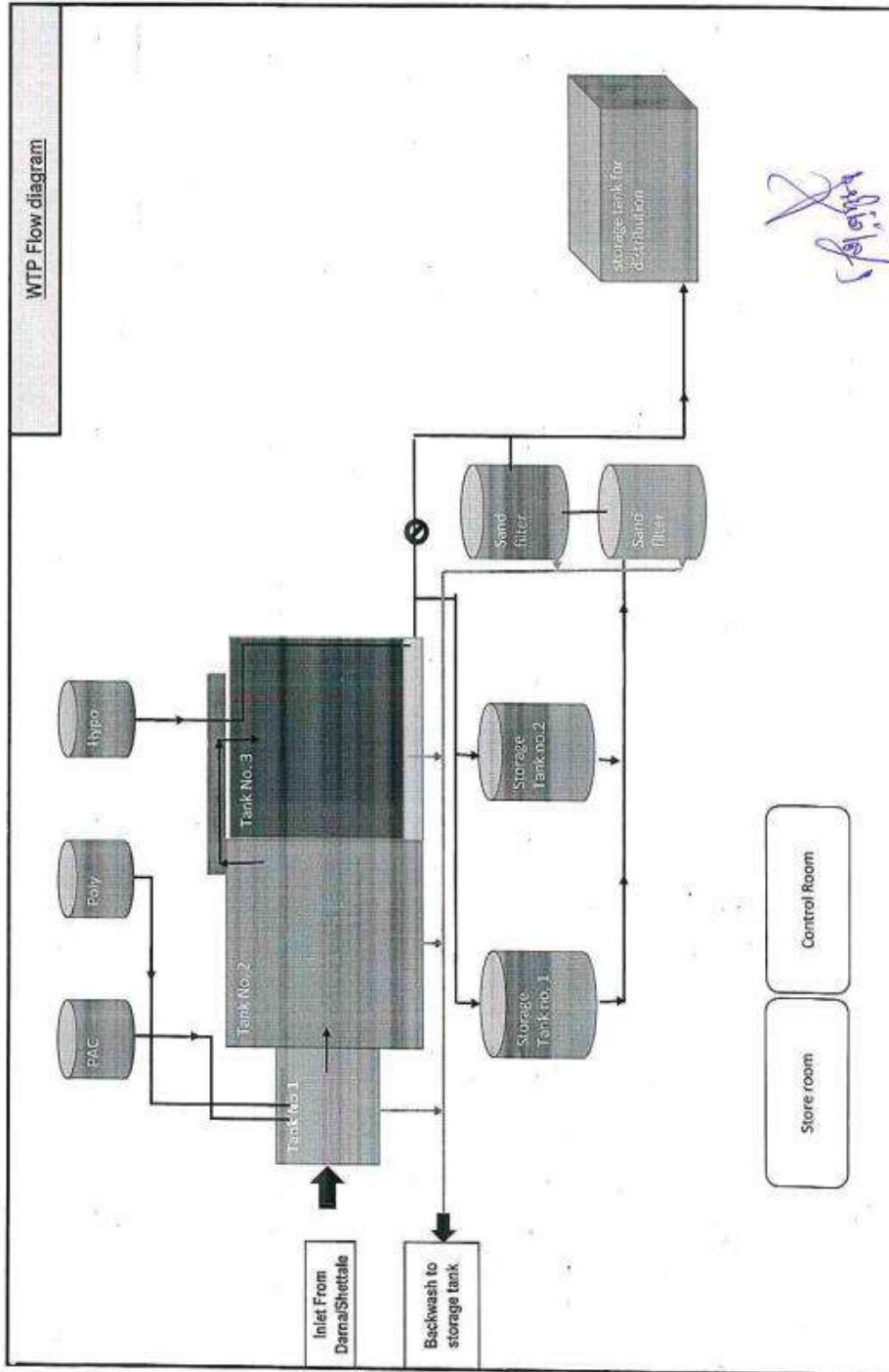
STP FLOW CHART





Dr. Anshu Singh

WTP FLOW DIAGRAM



ORDER FOR ARC FOR CLEANING WORK OF VARIOUS WATER TANK

WTP Operation & Chemical Dosing Detail's

A). Chemical Dosing Chart

Sr. No.	Chemical	Qty. For Clear Raw Water (other then rainy season)	Qty. For Muddy Raw Water (in rainy season)	Time Period
		(Kg./1000Ltr.)	(Kg./1000Ltr.)	
1	PAC (poly-aluminium chloride)	1	2	For 8 Hrs.
2	Poly	2	3	For 8 Hrs.
3	Hypo (Sodium hypochlorite)	2.5	2.5	For 8 Hrs.

B) Raw water input :- 15 to 27 LPS

C) Sand & Carban Filter Backwash - Once in a Day

D) Cleaning of WTP- Once in a Week.

E) Flushing of WTP Tank- one in a shift (8 Hrs.) for a while.

F) Stirring Operation.

Sr. No.	Tank	Operation
1	PAC Chemical Tank	Continous
2	Poly Chemical Tank	Continous
3	Hypo Chemical Tank	Continous
4	Tank No. 1.	Continous
5	Tank No. 2	Continous

G) Parts of WTP

Sr. No.	Name Of Part	Operation	Capacity/Size	Unit
1	Tank No. 1	Inlet with stirrer	1600	Ltr.
2	Tank No. 2	Main stirrer	35707.5	Ltr.
3	Tank No. 3	Media Filter tank	97584	Ltr.
4	Semi clean Storage tank 1	Store water from Tank no 3 for sand & carbon filter.	10000	Ltr.
5	Semi clean Storage tank 2	Store water from Tank no 3 for sand & carbon filter.	10000	Ltr.
6	Sand Filter	Filter the Water	Nil	Nil
7	Carban Filter	Filter the Water	Nil	Nil
8	PAC Chemical Tank	Chemical Storage & Discharge to Plant	1000	Ltr.
9	Poly Chemical Tank	Chemical Storage & Discharge to Plant	1000	Ltr.
10	Hypo Chemical Tank	Chemical Storage & Discharge to Plant	1000	Ltr.
11	PAC Dosing Pump	Dosing Chemical to Tank No. 1	0.5HP, 0.37KW,415V,50HZ	Nil
12	Poly Dosing Pump	Dosing Chemical to Tank No. 1	0.5HP, 0.37KW,415V,50HZ	Nil
13	Hypo Dosing Pump	Dosing Chemical to Tank No. 3	0.5HP, 0.37KW,415V,50HZ	Nil
14	Stirrer 1	stirrer PAC Chemical	0.25HP,0.18KW,415V,50HZ	Nil
15	Stirrer 2	stirrer Poly Chemical	0.25HP,0.18KW,415V,50HZ	Nil
16	Stirrer 3	stirrer Hypo Chemical	0.25HP,0.18KW,415V,50HZ	Nil
17	Stirrer 4	stirrer Chemical & water in Tank no 1	1HP,0.75KW,415V,50HZ	Nil
18	Stirrer 5	stirrer Chemical & water in Tank no 2	2HP,1.5KW,415V,50HZ	Nil
19	Pump 1	To feed water Sand & Carbon Filter.	10HP,7.5KW,415V,50HZ	Nil
20	Pump 2	To feed water Sand & Carbon Filter.	10HP,7.5KW,415V,50HZ	Nil





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WATER TREATMENT PLANT





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WATER TREATMENT PLANT



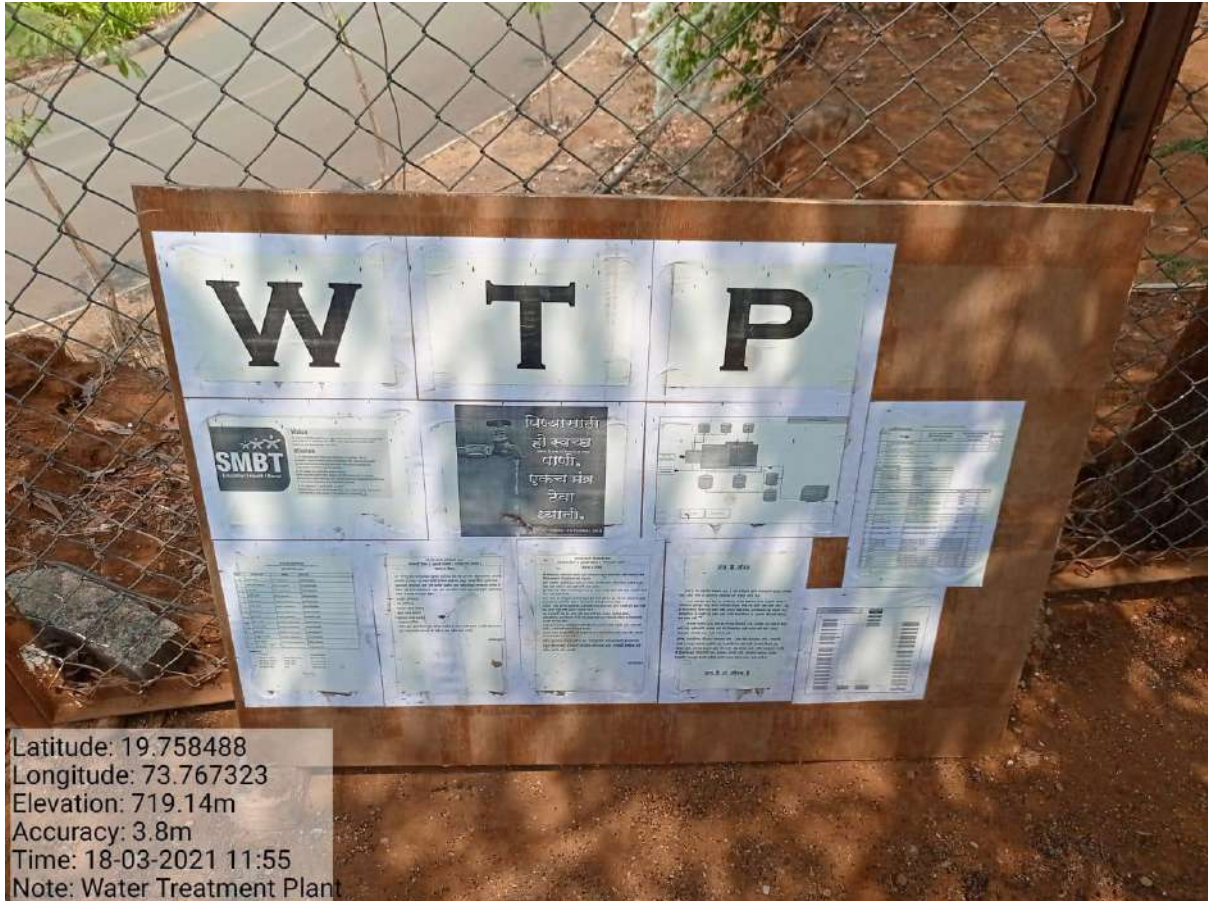


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WATER TREATMENT PLANT



Latitude: 19.758488
Longitude: 73.767323
Elevation: 719.14m
Accuracy: 3.8m
Time: 18-03-2021 11:55
Note: Water Treatment Plant



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WATER TREATMENT PLANTSEWAGE TREATMENT PLANT PHOTOS





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Latitude: 19.758844
Longitude: 73.765033
Elevation: 635.14m
Accuracy: 3.2m
Time: 09-30-2022 14:55
Note: SMBT Ayurved college WTP, STP



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Latitude: 19.758825
Longitude: 73.764999
Elevation: 635.79m
Accuracy: 3.2m
Time: 09-30-2022 14:56
Note: SMBT Ayurved college WTP STP



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Latitude: 19.758825
Longitude: 73.764999
Elevation: 635.79m
Accuracy: 3.2m
Time: 09-30-2022 14:56
Note: SMBT Ayurved college WTP STP