

**BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL
WESTERN ZONE BENCH, PUNE
ORIGINAL APPLICATION No. 274/2024 (WZ)**

In Re: News item titled "Pune Foul smell from lake troubles Katraj and Bibwewadi society residents; Demand urgent action from PMC" appearing in the Pune Pulse dated 12.02.2024.

**AFFIDAVIT IN REPLY ON BEHALF OF MAHARASHTRA
POLLUTION CONTROL BOARD i.e. RESPONDENT NO. 1.**

I, Kartikeya Langote, aged about 52 years, occupation – Service, the Sub-Regional Officer of the Maharashtra Pollution Control Board at Pune-I, having office address at 2nd Floor, Jog Centre, Wakdewadi, Pune – 411003, do hereby state on solemn affirmation as under –

- (1) I have perused the papers and proceedings in the above matter. I am conversant with the facts of the case and I am able to depose the same.
- (2) I say and submit that the Hon'ble NGT, Principal Bench, New Delhi has taken cognizance of the News appeared in the "Pune Pulse" dated 12/2/2024 titled as "Pune Foul smell from lake troubles Katraj and Bibwewadi society residents; Demand urgent action from PMC" and registered the same as Original

Application No.274/2024. As per the notice issued by the Hon'ble NGT, Principal Bench, New Delhi, the Official of MPCB at Pune visited the sites on 12/3/2024, 13/3/2024 and 15/3/2024. Copies of the Visit Reports are enclosed herewith and marked as an **Annexure-I collectively**.

(3) I say and submit the Hon'ble NGT, Principal Bench, New Delhi vide Order dtd.22/3/2024 impleaded Maharashtra Pollution Control Board(MPCB) as Party Respondent and transferred the matter to the Western Zone Bench, Pune and directed the MPCB to file the reply.

(5) I say and submit that, in order to verify the aforesaid News, the Officials of MPCB at Pune visited to the site in question and on the basis of non-compliance, MPCB has issued Proposed Directions under Section 33 A of Water (Prevention & Control of Pollution) Act, 1974 to Superintendent Engineer, (Drainage Department), Pune Municipal Corporation, Pune on 19/3/2024. A copy of the Proposed directions dated 19/3/2024 is enclosed herewith and marked as an **Annexure-II**.

(6) I say and submit that in order to check the compliance of the Proposed Directions dtd.19/3/2024, the the Officials of MPCB at Pune visited the site on 16/05/2024 along with officials of Pune Municipal Corporations to Lake located at Rajiv Gandhi

Zoological Park & Wildlife Research Centre, Satara Road, Opposite Katraj Dairy, Katraj; Katraj Lake-Peshave Lake; Jambulwadi Lake and Pashan lake and observed as under :

D) Rajiv Gandhi Zoological Park & Wildlife Research Centre:-

1. During visit observed that, there are two nallas flowing into zoo premises carrying domestic effluent which mix to the lake located at zoo.

Nalla No.1:- Nalla carrying domestic effluent coming from Santosh Nagar, Katraj area mix to lake located at zoo. Nalla water having slightly yellowish, septic smell & pH-7-8. Sample of nalla water is collected for analysis. PMC has started construction work of Sewage Treatment Plant having capacity 2 MLD, this STP plant is very near to the nalla. PMC authority stated that, all the domestic effluent from this nalla will taken for treatment in this proposed STP. PMC has almost about 90% completed civil work of STP & installation of machinery is in progress. Pressure sand filter and activated carbon filter installation work in progress.

2. PMC has provided pipeline on this nalla to divert nalla flow into proposed STP. PMC authority has not applied for Consent to Establish to Board office.
3. Nalla No.2:- Another nalla found flowing in the zoo premises which is coming from Katraj-Kondhwa bridge. PMC authority has connected the effluent from this nalla

to existing trunk main of 600 mm dia. which further connected to PMC Naidu STP. Less flow of effluent observed into the Nalla. Sample collected having slightly yellowish colour with septic smell pH 6-7.

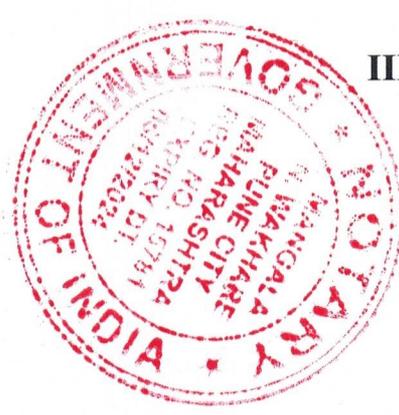
4. After that, visited the lake inside the zoo. Desilting of the Lake through JCB found in progress. At the time of visit no growth of Water hyacinth was observed in the lake. The PMC authorities stated that lake water is not used for any purpose. Lake water is stagnant and has a greenish color with septic smell & pH-6-7. Sample of lake water is collected for analysis. Authority has provided 7-8 nos of siphon pipes on the bank of lake towards residential area to lift the lake water into the odha which is in between zoo & lake town society. During the visit odha seen dry.
5. At the time of visit, it is observed that, authority has installed Caracious plant for dead animal. At the time of visit details of plant not available & plant not found in operation. Authority has not obtained Consent to Establish & Operate from the Board.

II) Katraj Lake known as Peshve lake:-

1. At the time of visit no growth of Water hyacinth observed in the Katraj Lake. Lake water is stagnant.
2. PMC authority has provided gabion walls of about 230 m length and 1050 cum size for 2 drains coming from Santosh Nagar drain & Peshve lake overflow drain coming to Katraj lake.

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3. PMC authority- under Naidu Sewage District (SD-4) master plan has provided 1100 m length of 600 mm diameter sewer line near Katraj Lake.
 4. At the time of visit no nalla observed flowing into Katraj Lake. Two nos. of storm water lines observed near this lake, both are observed dry.
 5. Lake water sample collected having slightly brownish colour with no smell & pH-6-7.

III) Jambulwadi Lake: -

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1. At the time of visit no algal growth was seen in the lake water. Lake water is stagnant.
 2. The previously removed Water hyacinth from lake was found lifted by PMC.
 3. Jambulwadi lake water sample is collected having greenish colour & pH-7-8 with strong smell.
 4. Visited the surrounding area of the Jambulwadi lake which is mainly residential area. Domestic effluent chambers seen on the bank of lake.
 5. PMC authority has provided sewerage line of total 800 m length from Daripool near NH4 upto downstream of Jambulwadi lake. Also, provided 240 mtr length & 800 cum gabion wall for 2 nos of nalla with drain channelization coming from Kolewadi village & Jambulwadi village. Jambulwadi Village nalla seen dry during visit. Nalla near Venkatesh height found dry at time of visit.

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6. At time of visit one nalla carrying yellowish domestic effluent having pH-6-7 & septic smell found mix to Jambulwadi lake, sample of nalla water is collected at the time of visit.

IV) Pashan Lake:-

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1. At the time of visit growth of water hyacinth seen in the lake.
 2. Lake water is stagnant. Pashan lake water sample is collected having pale yellowish color & pH-7-8 with septic smell.
 3. It is observed that, PMC authority has removing water hyacinth from lake water through three numbers of JCB's. Removed Water hyacinth found dumped on the bank of lake.
 4. Visited the surrounding area of the Pashan lake & Ram River, domestic effluent chambers seen on the bank of ram river. Growth of water hyacinth seen Near Perfect auto station bridge Bavdhan, there is no space for sample collection.
 5. PMC authority has started construction of STP near Ram River at Ramnagar Bavdhan. Civil work of STP of 1 MLD capacity is in progress. PMC authority has not applied for Consent to Establish to Board office.

A copy of the Visit report dated 16/05/2024 is enclosed herewith and marked as an **Annexure-III**.



(7) I say and submit that in response to the Proposed Directions dated 19/3/2024, the PMC vide letter dated 22/5/2024 submitted its reply and stated that they have taken steps to stop the discharge of untreated domestic effluent into natural water bodies and make the provisions to control and divert the discharge through pipeline to the STP. A copy of the reply dated 22/5/2024 is enclosed herewith and marked as an **Annexure-IV.**

(8) Hence this Additional Affidavit.

Solemnly affirmed on this **27 MAY 2024** day of May, 2024 at Pune.

I know the affiant

For and on behalf of Maharashtra
Pollution Control Board i.e.
Respondent No. 1.

ADVOCATE


(Kartikeya Langote)
Sub-Regional Officer,
MPCB, Pune-I



BEFORE ME


MANGALA N. WAKHARE
ADVOCATE & NOTARY
GOVERNMENT OF INDIA

27 MAY 2024



MAHARASHTRA POLLUTION CONTROL BOARD SUB-REGIONAL OFFICE – PUNE-I

Ph. 020-25811694
Fax. 020-25811029



Jog Center Bldg.
2nd floor, Wakdewadi,
Old Mumbai – Pune Highway,
Pune 411003

Date - 14/3/2024

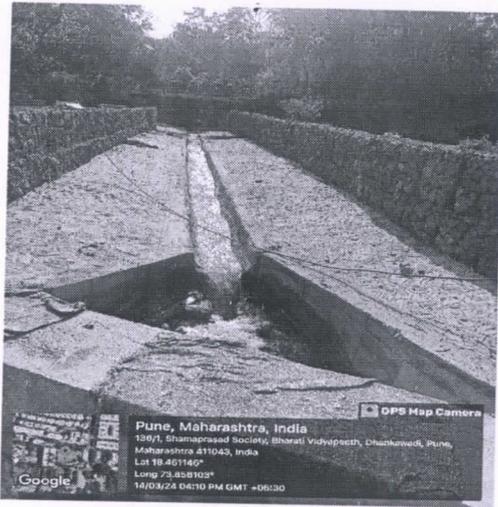
Field Visit Report

This office has received the notice from Hon'ble NGT Principal Bench vide dtd. 07.03.2024 in the said Suo Motu Original application no.274/2024. In compliance with the aforesaid order, as per directives of Sub-regional Officer, Pune-1, visit was paid to Rajiv Gandhi Zoological Park & Wildlife Research Centre, Satara Road, Opposite Katraj Dairy, Katraj, Pune – 411 046 on 14.03.2024 at 4:05 p.m. During visit the following observations were made:-

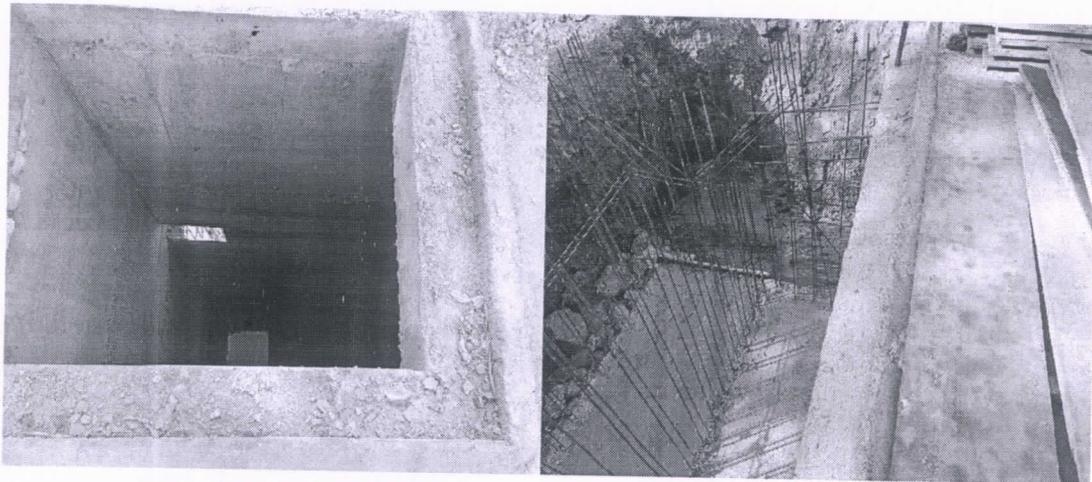
1. Firstly, meet Dr. Rajkumar Vithal Jadhav Officer-in-charge of Rajiv Gandhi Zoological Park, Katraj, Pune to enquire about zoological park & lake inside the zoo. The authorities stated that, zoo has total area of 130 Acres & out of that lake having area 30 Acres.



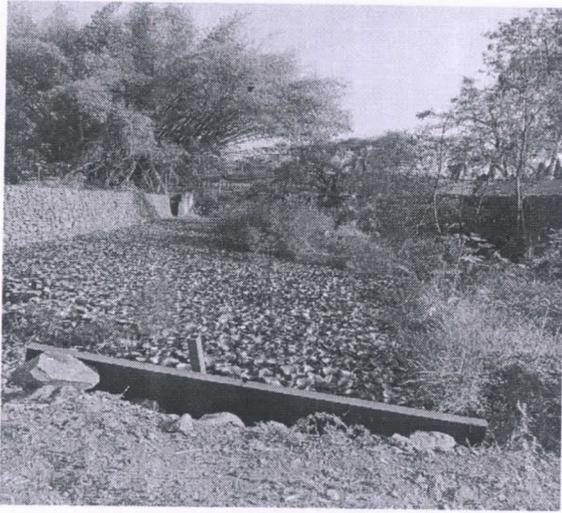
2. Visited the area of zoo along with the Shri.Dilip Pekare-jamadar & representative of the zoological park.
3. During the visit it is observed that, nalla carrying effluent flowing inside the premises of the zoo park. Authority stated that, this nalla coming from Santosh Nagar area, katraj. Nalla water has yellowish color & septic smell having pH-7-8 & appears as domestic effluent. Sample of nalla water is collected for analysis. This nalla meets the lake inside the zoo.



Authority has started construction work of STP of capacity 2 MLD near this nalla. Civil work of the STP is about 80 % completed, mechanical work started. Representative of the zoo stated that, the domestic effluent from the Nalla will be taken for treatment in this STP. Authority has not applied for Consent to Establish to Board office.



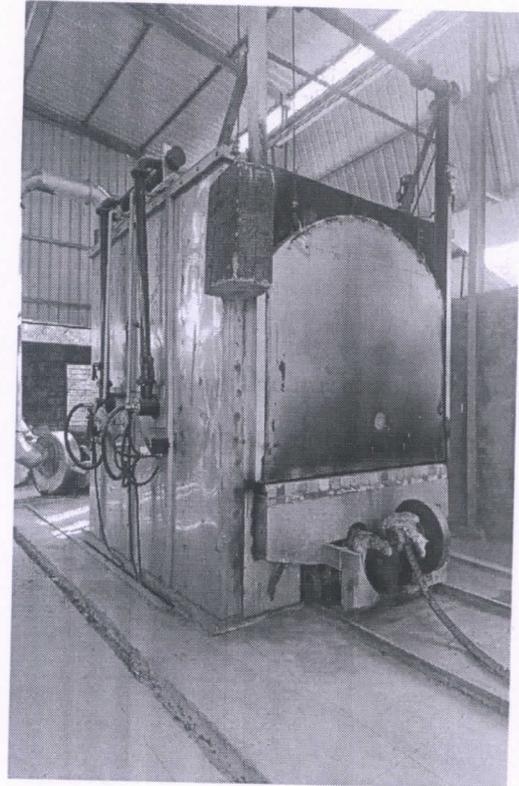
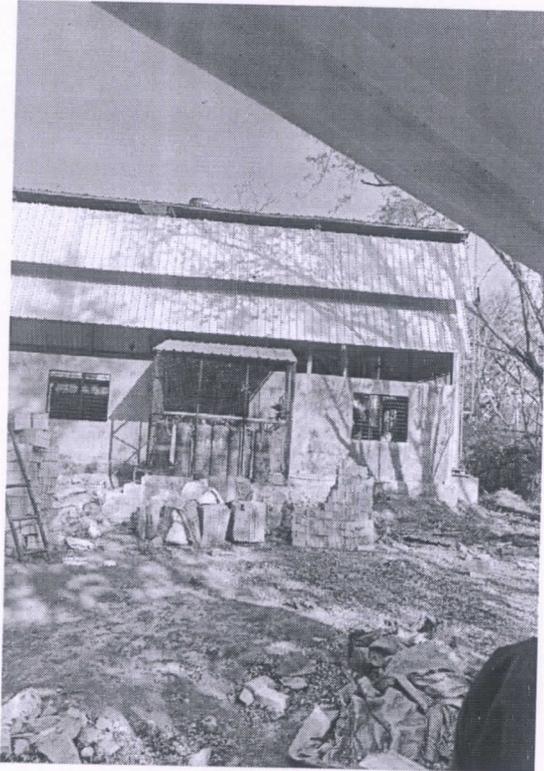
4. Another nalla was found flowing in the zoo premises which is coming from Katraj-Kondhwa bridge. The growth of water hyacinth observed in the nalla water. Authority has provided barricading of MS tin inside the nalla. Nalla water has yellowish color & septic smell having pH-7-8 & appears as domestic effluent. This nalla meets the lake inside the zoo. Sample nalla water is collected for analysis.



5. Visited the lake inside the zoo. Authority stated that, lake water is not used for any purpose. Lake water has greenish color with septic smell & pH-6-7. Sample of lake water is collected for analysis. Authority has provided 7-8 nos of pipes with motors on the bank of lake towards residential area to lift the lake water in to the odha which is in between zoo & lake town society. During the visit odha seen dry.



7. At the time of visit, it is observed that, authority has installed carcass plant for dead animal. At the time of visit details of plant not available & plant not found in operation. Authority has not obtained Consent to Establish & operate from the Board.



Suta
(J. S. Suta)
field officer.
SRO Pune-I

MAHARASHTRA POLLUTION CONTROL BOARD

SUB-REGIONAL OFFICE – PUNE-I

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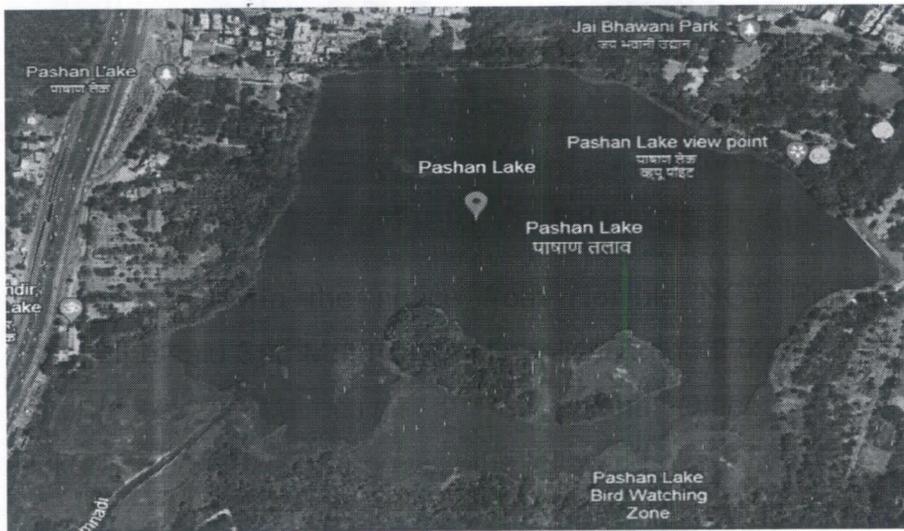


Jog Center Bldg.
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Old Mumbai – Pune Highway,
Pune 411003

Field Visit Report

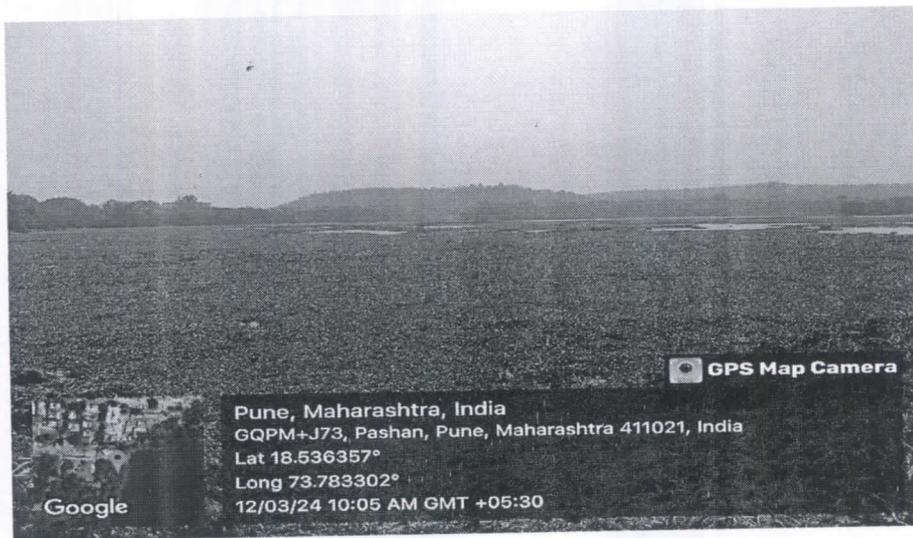
This office has received the notice from Hon'ble NGT Principal Bench vide dtd. 07.03.2024 in the said Suo Motu Original application no.274/2024. In compliance with the aforesaid order, as per directives of Sub-regional Officer, Pune-1, visit was paid to Pashan lake on 12/3/2024. During visit the following observations were made:-

1. Pashan Lake is located about 244 mtr from Pune-Mumbai express way.



2. At the time of visit the nearby residents told that the Pashan Lake is an artificial lake and water in the lake is not used for domestic purposes.
3. Tremendous growth of water hyacinth seen in the lake water, removing of water hyacinth from lake water through three numbers of JCB is observed. Removed Water hyacinth found dumped on the bank of lake. This work is done by PMC authority.

Pashan lake:-

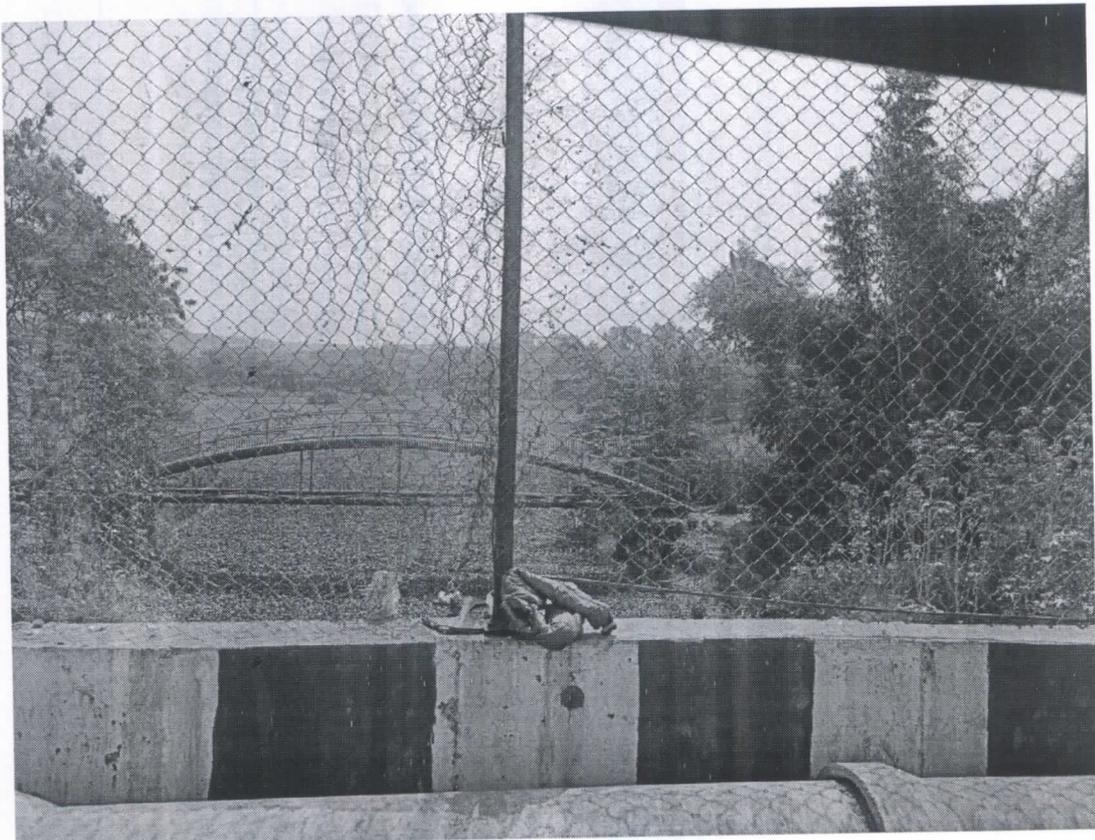
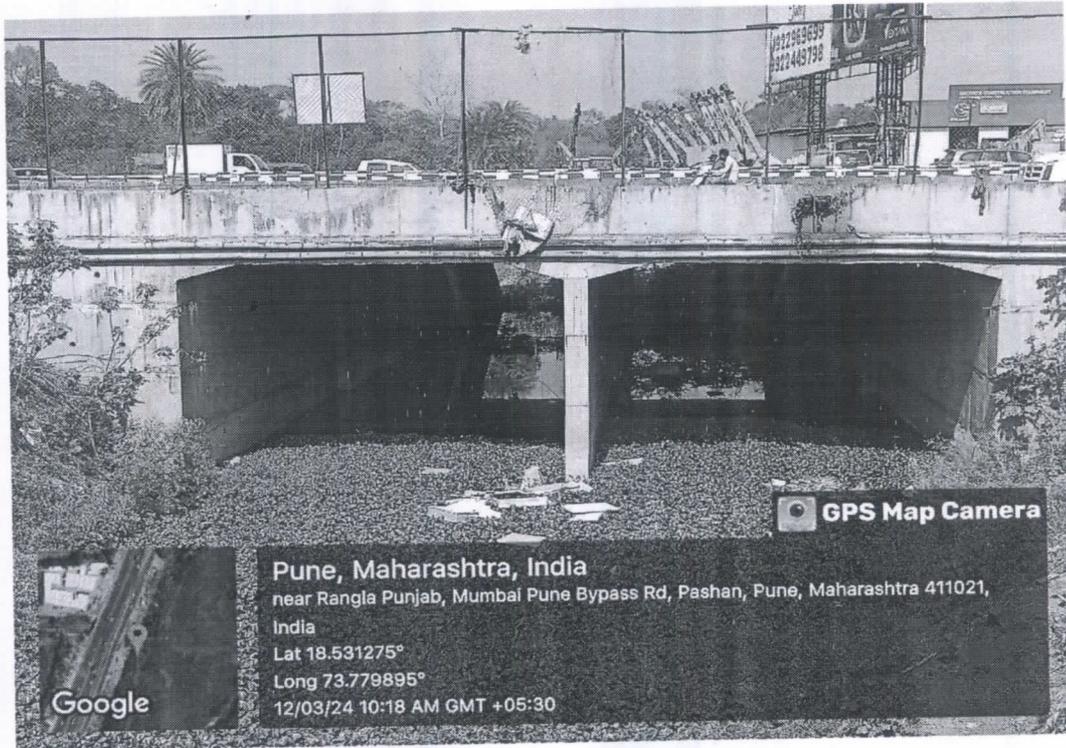


Water hyacinth found dumped on the bank of lake:-

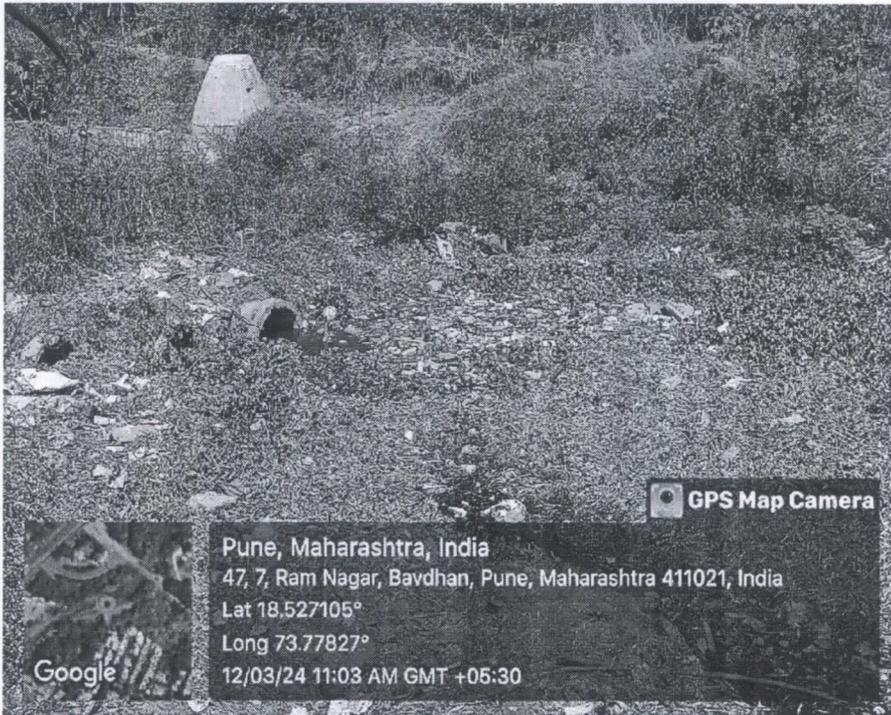


4. Pashan lake is a bird watching zone & many people come for walking purpose.
5. Ramnadi meets to Pashan Lake, all these areas are mostly residential. This river is not a perennial type and water from this river is not being used for drinking purpose.

6. Visited the surrounding area of the Pashan lake & Ram river. Domestic effluent chambers seen on the bank of ram river. Growth of water hyacinth seen Near Perfect auto station bridge Bavdhan, there is no space for sample collection.



7. One nalla near Ram nagar Bavdhan carrying yellowish effluent having pH-7-8 & septic smell found mix to Pashan lake, sample of nalla water is collected at the time of visit. Pashan lake water sample is collected having pale yellowish colour & pH-7-8 with septic smell.



Sachin
(J. S. Sute)
field officer
P-J

MAHARASHTRA POLLUTION CONTROL BOARD SUB-REGIONAL OFFICE – PUNE-I

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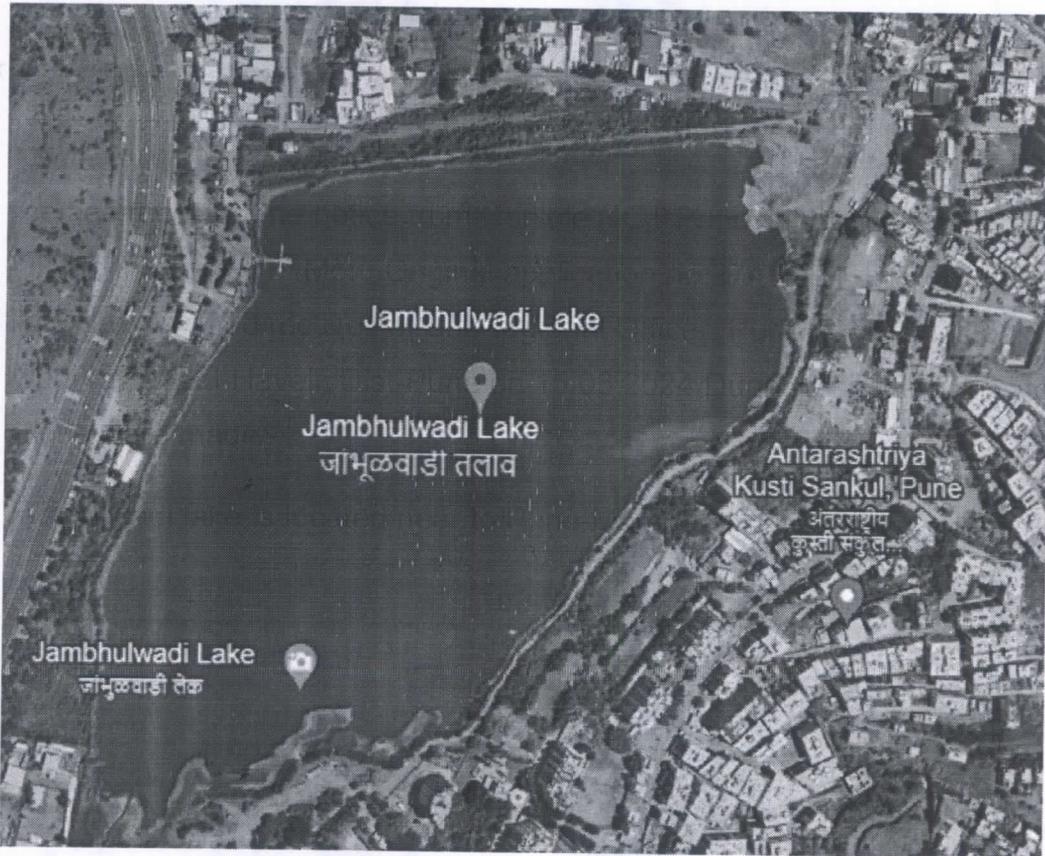


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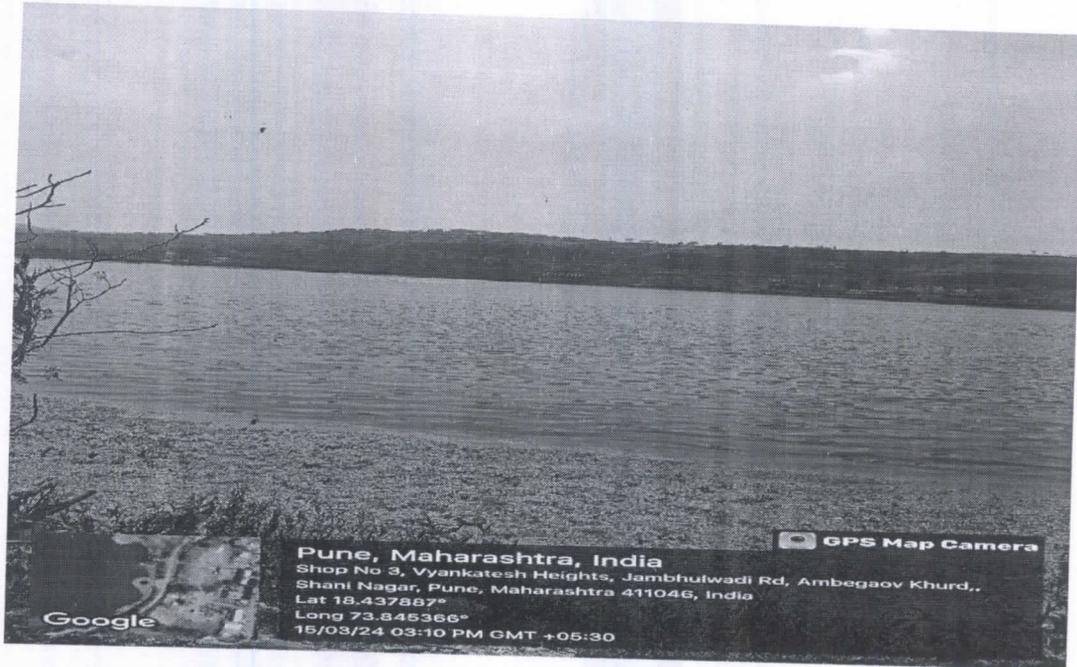
Field Visit Report

This office has received the notice from Hon'ble NGT Principal Bench vide dtd. 07.03.2024 in the said Suo Motu Original application no.274/2024. In compliance with the aforesaid order, as per directives of Sub-regional Officer, Pune-1, visit was paid to Jambulwadi Lake, Tal-Haveli, Dist-Pune on 15.03.2024 During visit the following observations were made:-

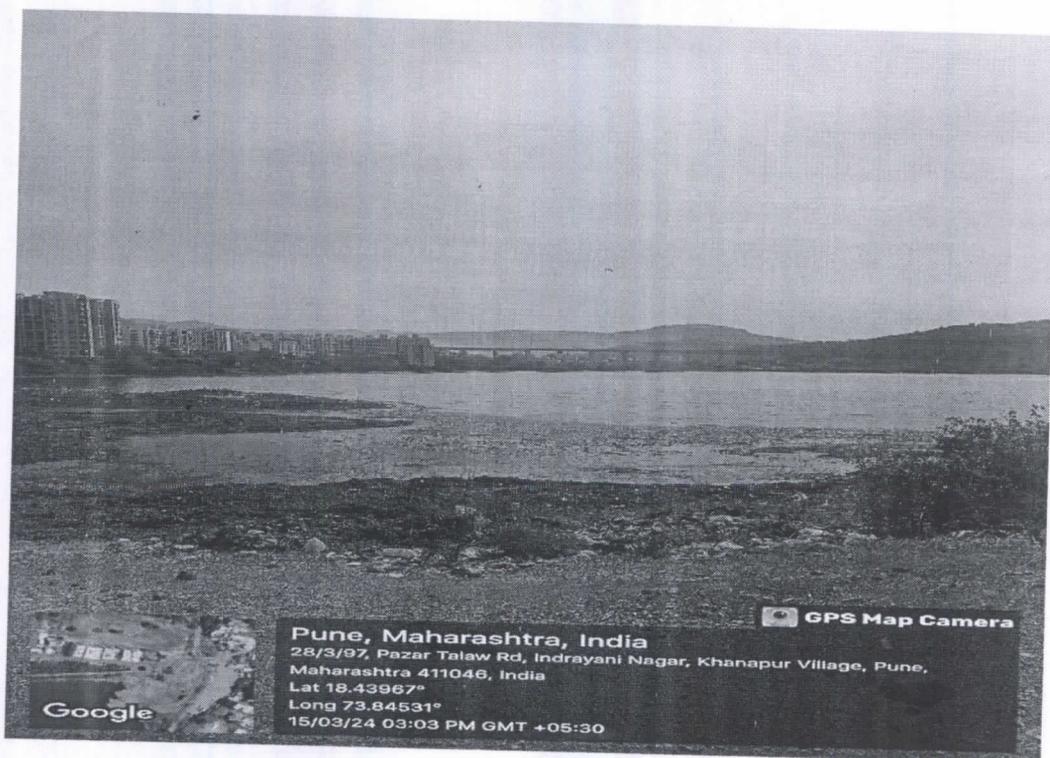
1. Jambulwadi lake is located near to Pune-Mumbai express way.



Jambulwadi Lake:-



- At the time of visit algal growth seen in the lake water. Water hyacinth from lake found removed and spread on the bank of lake, strong smell observed on the lake which is coming from Water hyacinth spread on the bank of lake.



Water hyacinth from lake found removed and spread on the bank of lake:-



3. Jambulwadi lake water sample is collected having greenish colour & pH-7-8 with strong smell.
4. Telephonically called to Environment Department PMC authority. They told removing of water hyacinth done by PMC authority. During the visit PMC authority not present.
5. Visited the surrounding area of the Jambulwadi lake which is mainly residential area. Domestic effluent chambers seen on the bank of lake.
6. Nalla coming from Venketesh hight building carrying yellowish effluent having pH-6-7 & septic smell found mix to Jambulwadi lake, sample of nalla water is collected at the time of visit.



7. Nalla near NH4 highway carrying yellowish effluent having pH-6-7 & septic smell found mix to Jambulwadi lake, sample of nalla water is collected at the time of visit.



Saty
(J. S. Sathe)
field officer
R-J

MAHARASHTRA POLLUTION CONTROL BOARD SUB-REGIONAL OFFICE – PUNE-I

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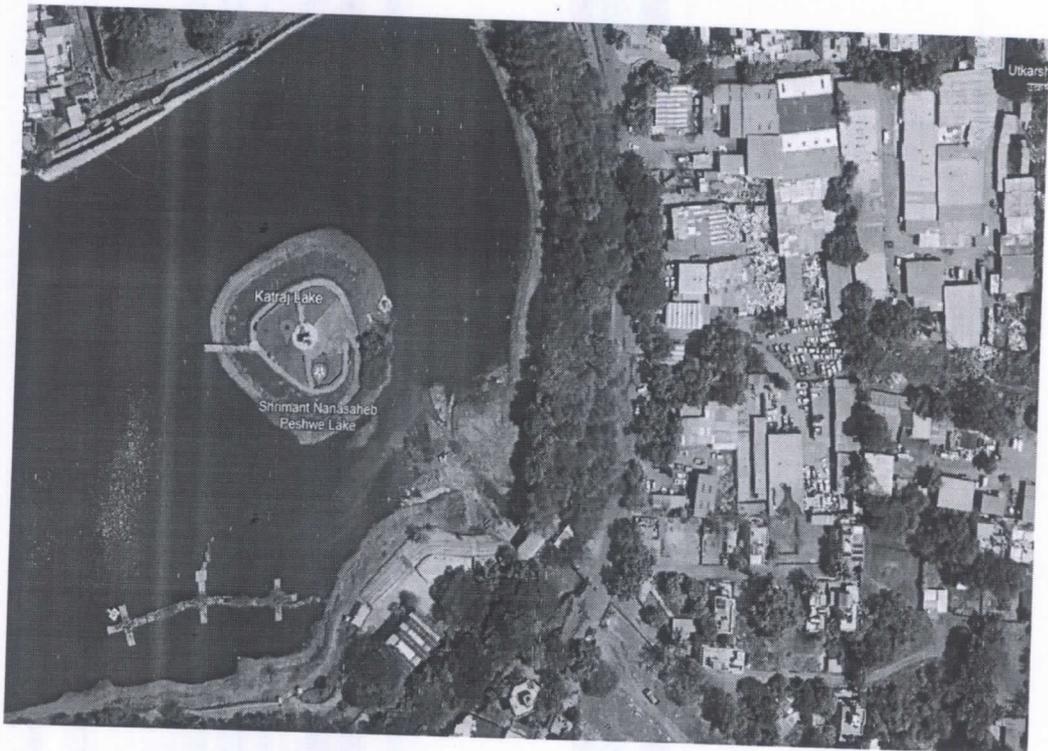
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Field Visit Report

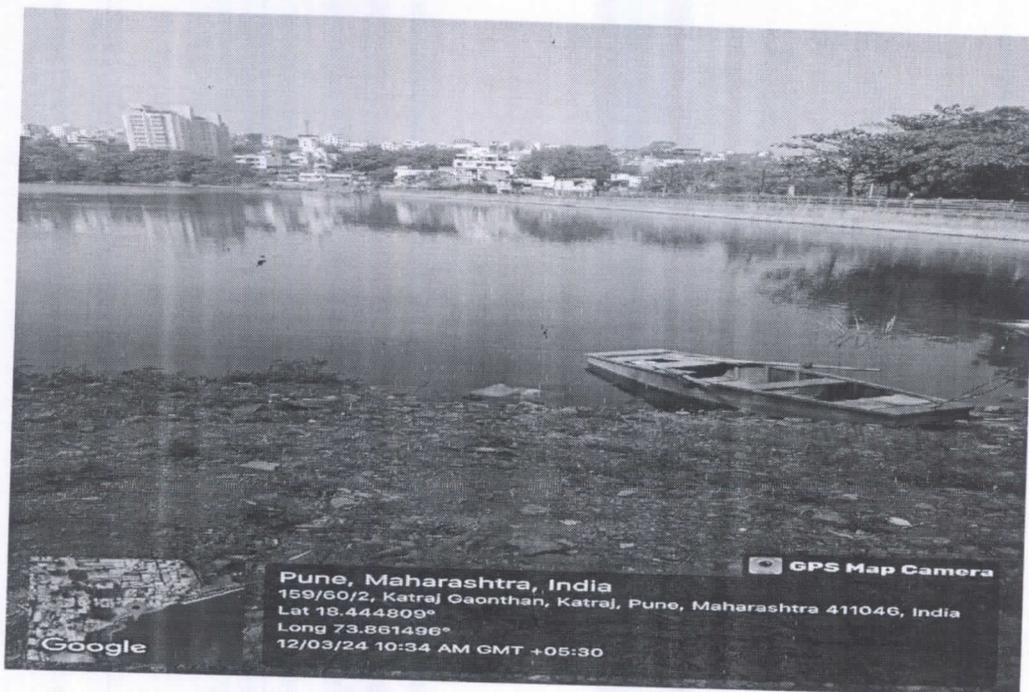
This office has received the notice from Hon'ble NGT Principal Bench vide dtd. 07.03.2024 in the said Suo Motu Original application no.274/2024. In compliance with the aforesaid order, as per directives of Sub-regional Officer, Pune-1, visit was paid to Katraj lake Pune on 13/3/2024. During visit the following observations were made:-

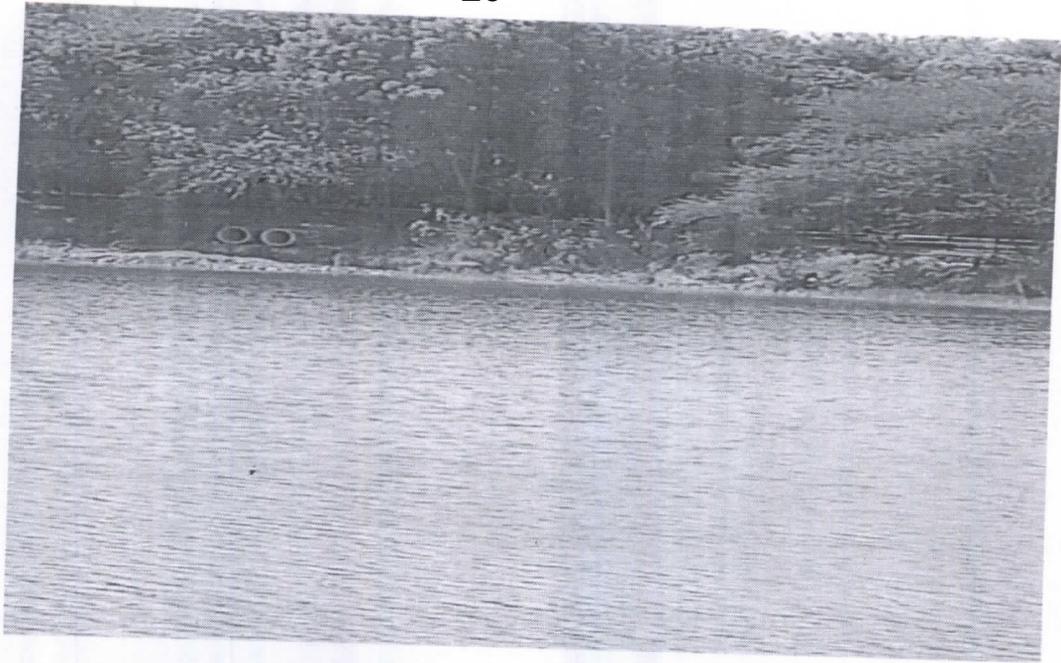
1. Katraj lake surrounding premises various industries cited such type of engineering, fabrication, washing center, powder coating etc. The generated industrial sewage effluent going through provided nalla. Due to short period surrounding the industries cited near the Katraj lake is not carried out, visits are not carried out of the industries. Also, not collected nalla water sample which is going into katraj lake. Photographs is attached.
2. In next 15 days industrial survey carried out which is cited into surrounding the premises of katraj lake & submitted to higher authority.





3) At the time of visit no growth of Water hyacinth observed in the Katraj Lake.





3) Katraj lake water sample is collected having pH-7-8, yellowish colour & no smell.

S.R. Patil
S.R. Patil
F.O. Pune 1

27

MAHARASHTRA POLLUTION CONTROL BOARD
REGIONAL OFFICE - PUNE

Annexure II

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Jog Centre, 3rd Floor,
Wakdevadi,
Old-Pune Mumbai Road,
Pune- 411003

MPCB/ROP/PD/2403190007

Date: 19/03/2024

To,
Superintendent Engineer,
(Drainage Department),
Pune Municipal Corporation,
Pune.

- Sub:** Proposed Directions under section 33 A of Water (Prevention & Control of Pollution) Act, 1974.
- Ref :** 1) News appeared in the Pune Pulse on 12/02/2024 Titled " Pune : Foul Smell from Lake Troubles Katraj & Bibwewadi Society Residents; Demand Action from PMC".
- 2) The Hon'ble National Green Tribunal (PB), New Delhi issued Notice of Hearing in Suo Motu Matter vide OA No. 274/2024 titled " Pune : Foul Smell from Lake Troubles Katraj & Bibwewadi Society Residents; Demand Action from PMC.
- 3) Visit of the Board Officials at Sub Regional Office, MPCB, Pune-I to the Lakes pertaining to the Pune Municipal Corporation Juridictions
- 4) Proposal for legal actions submitted by the Sub Regional Officer, MPCB Pune-I vide letter no. MPCB-LEGAL-ACTIONS-150324007, Dtd. 18/03/2024

AND WHEREAS, it is obligatory on your part to maintain the wholesomeness of Water Quality of the Natural Water Bodies including aquatic flora and fauna life by avoiding contamination of water.

AND WHEREAS, News appeared in the Pune Pulse on 12/02/2024 Titled " Pune : Foul Smell from Lake Troubles Katraj & Bibwewadi Society Residents; Demand Action from PMC. Accordingly Hon'ble National Green Tribunal (PB), New Delhi issued Notice of Hearing in Suo Motu Matter vide OA No. 274/2024 titled " Pune : Foul Smell from Lake Troubles Katraj & Bibwewadi Society Residents; Demand Action from PMC.

AND WHEREAS, In accordance with the news and Hon'ble NGT Notice the Board Official at Sub Regional Office, Pune-I has visited to the lakes and Accordingly, Sub Regional Officer, Pune-I has submitted legal action proposal vide reference (4) above and therein reported below non-compliances:

(A) Non-Compliances of Lake inside the Rajiv Gandhi Zoological Park and Wildlife Research Centre Lake, Katraj, Pune :-

- (1) The Nallas coming from Santosh Nagar Area, Katraj and Katraj-Kondhwa Bridge side are found yellowish colour and septic condition with foul smell, which further meets to Rajiv Gandhi Zoological Park and Wildlife Research Centre Lake inside the zoo park premises without any treatment.
- (2) The Lake Water is found septic condition and overflow of lake through pipelines discharged into nearby Odha, which further flows through residential area.
- (3) You have started construction work of Sewage Treatment Plant of Capacity 2.00 MLD inside Zoo Park, without obtaining consent to establish from the Board.
- (4) You have installed Caracas Plant inside the zoo premises for dead animal, which is in operation without obtaining consents of the Board and without adequate air pollution control systems to avoid smell nuisance to the nearby area.

(B) Non-Compliances of Pashan Lake :-

- (1) The tremendous water hyacinth growth found inside the lake.

- (2) The removed water hyacinth is dumped unscientifically on the bank of lake, which may leads to smell nuisance to the nearby area.
- (3) The Nall flowing from Ramnagar Bavdhan area having yellowish coloured and found in septic condition, which is further meets to Pashan Lake, due to which lake water may cause smell nuisance to the surrounding area.

(C) Non-Compliances of Jambulwadi Lake :-

- (1) The removed water hyacinth is dumped unscientifically on the bank of lake, which may leads to smell nuisance to the nearby area.
- (2) The Nallas coming from Venkatesh Height Building and Near NH-4 Highway are found yellowish colour and septic condition with foul smell, which further meets to Jambulwadi Lake without any treatment.

(D) Non-Compliances of Katraj Lake at Katraj :-

- (1) The nearby Nalla meets to the Katraj Lake, which carrying domestic effluent generating from the surrounding area.

AND WHEREAS, after examining the record of your case and reports of the officers of the Board, it has been concluded that, you are discharging untreated domestic effluent into the Natural Water Bodies through various Nallas thereby causing water pollution thereof, and you have failed to comply with the provisions of the Water (Prevention and Control of Pollution) Act, 1974 and thereby causing water pollution into the environment.

NOW THEREFORE, in exercise of the powers conferred upon me under section 33 A of Water (Prevention & Control of Pollution) Act, 1974, 31 A of Air (Prevention & Control of Pollution) Act, 1981, I, Ravindra Andhale, Regional Officer of the M.P.C. Board, at Pune hereby issue directions as under-

1. Why shall not submit the proposal to initiate stringent action against you / your corporation to the competent authority of the Board.

You are hereby given an opportunity to respond within 07 days with corrective action plan along with the short term measures and long term measures to restore the water quality of aforesaid lakes, from issuance of these directions, failing which, MPCB will initiate legal action against your unit without giving any further notice in accordance with the provisions of the Water (prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981, which please note.

For and on behalf of
Maharashtra Pollution Control Board



(Ravindra Andhale)
Regional Officer,
M. P. C. Board Pune

Copy submitted for information to:

- Hon'ble The Member Secretary, MPCB, Mumbai.
- Hon'ble Pune Municipal Commissioner, Pune.

Copy f.w.cs.to :

1. Joint Director (APC), M.P.C. Board, Mumbai.
2. Joint Director (WPC), M. P. C. Board, Mumbai.
3. Law Officer, M.P.C. Board, Mumbai.

Copy to- The Sub-Regional Officer, M.P.C. Board, Pune-II :- He is directed to take follow up and ensure the compliance of the aforesaid directions.

**MAHARASHTRA POLLUTION CONTROL BOARD
SUB-REGIONAL OFFICE – PUNE-I**



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Jog Center Bldg.
2rd floor, Wakdewadi,
Old Mumbai – Pune Highway,
Pune 411003

Date:- 16/5/2024

Field Visit Report

This office has received the Hon'ble NGT order dated 22/3/2024 in the Original Application No.274/2024. In the said order Hon'ble NGT has directed to file reply.

With reference to above Hon'ble NGT order and to check the compliance of Proposed directions as per directives of Sub-regional Officer, Pune-1, visit was paid along with officials of Pune Municipal Corporations to Lake located at Rajiv Gandhi Zoological Park & Wildlife Research Centre, Satara Road, Opposite Katraj Dairy, Katraj; Katraj Lake-Peshave Lake; Jambulwadi Lake and Pashan lake. During visit following observations were made:-

A) Rajiv Gandhi Zoological Park & Wildlife Research Centre:-

1. During visit observed that, there are two nalls flowing into zoo premises carrying domestic effluent which mix to the lake located at zoo.
Nalla no.1:- Nalla carrying domestic effluent coming from Santosh nagar, katraj area mix to lake located at zoo. Nalla water having Slightly yellowish, septic smell & pH-7-8. Sample of nalla water is collected for analysis. PMC has started construction work of Sewage Treatment Plant having capacity 2 MLD, this STP plant is very near to the nalla. PMC authority stated that, all the domestic effluent from this nalla will taken for treatment in this proposed STP. PMC has almost about 90% completed civil work of STP & installation of machinery is in progress. Pressure sand filter and activated carbon filter installation work in progress.
2. PMC has provided pipeline on this nall to divert nalla flow into propose STP. PMC authority has not applied for Consent to Establish to Board office.

Nalla No.1- coming from Santosh Nagar & Katraj area:-



Nalla flow diverted to proposed STP receiving chamber:-



Proposed STP civil work:-



Pressure sand filter and activated carbon filter:-



3. Nalla No.2:- Another nalla found flowing in the zoo premises which is coming from Katraj-Kondhwa bridge. PMC authority has connected the effluent from this nalla to existing trunk main of 600 mm dia. which further connected to PMC Naidu STP. Less flow of effluent observed into the Nalla. Sample collected having slightly yellowish colour with septic smell pH 6-7.

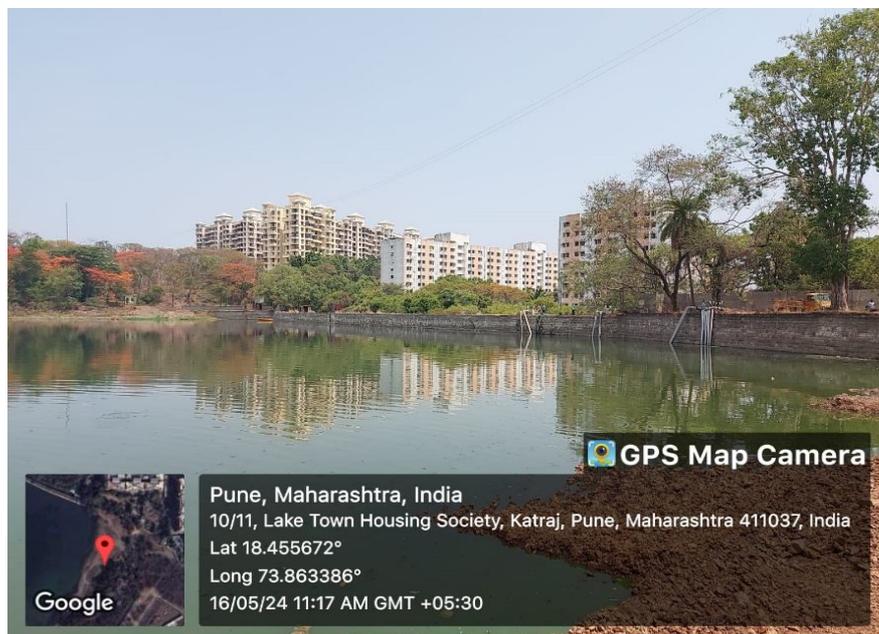


4. After that, visited the lake inside the zoo. Desilting of the Lake through JCB found in progress. At the time of visit no growth of Water hyacinth was observed in the

lake. The PMC authorities stated that lake water is not used for any purpose. Lake water is stagnant and has a greenish color with septic smell & pH-6-7. Sample of lake water is collected for analysis. Authority has provided 7-8 nos of siphon pipes on the bank of lake towards residential area to lift the lake water into the odha which is in between zoo & lake town society. During the visit odha seen dry.

- At the time of visit, it is observed that, authority has installed Caracious plant for dead animal. At the time of visit details of plant not available & plant not found in operation. Authority has not obtained Consent to Establish & Operate from the Board.

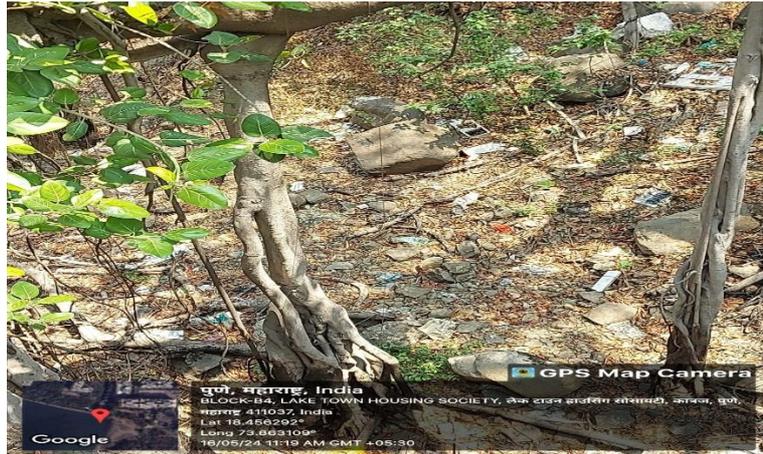
Zoo lake:-



Desilting of lake:-



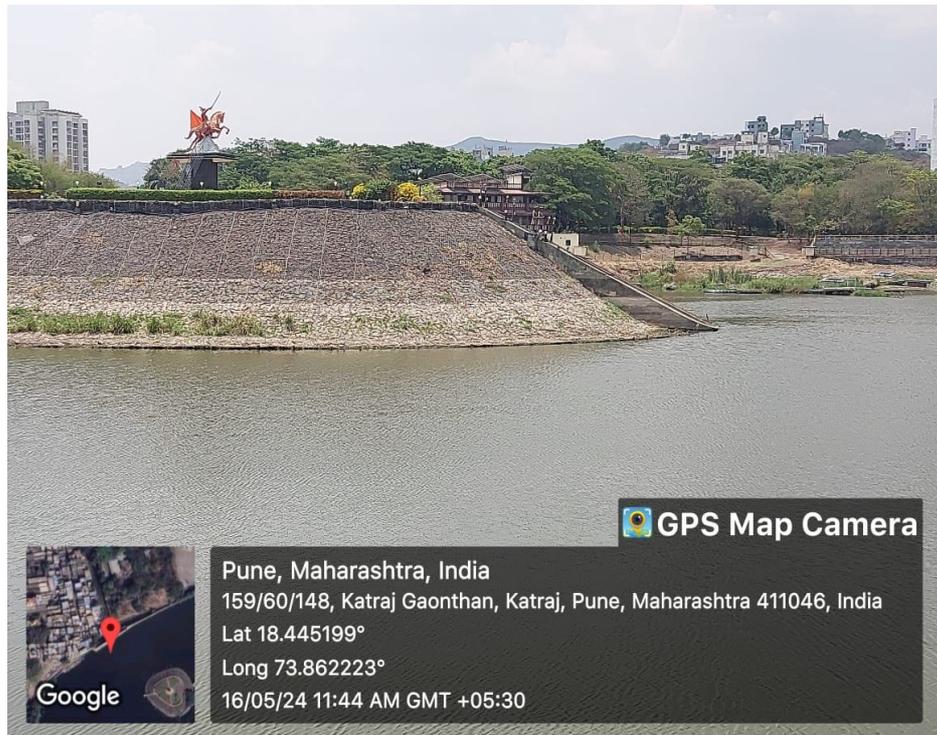
odha between zoo & lake town society dry:-



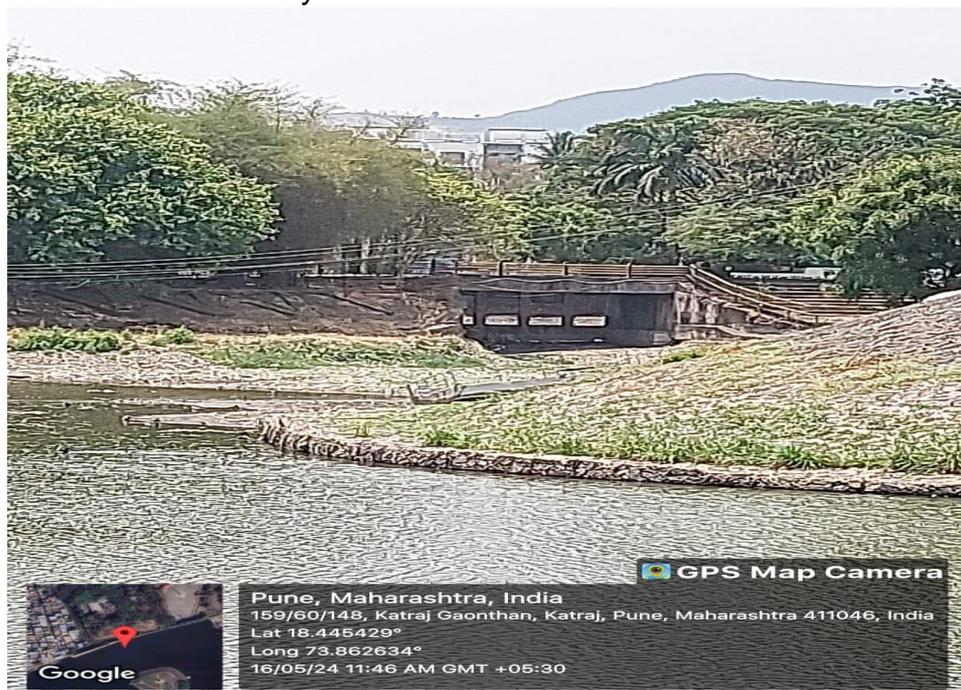
II) Katraj Lake known as Peshve lake:-

1. At the time of visit no growth of Water hyacinth observed in the Katraj Lake. Lake water is stagnant.
2. PMC authority has provided gabion walls of about 230 m length and 1050 cum size for 2 drains coming from Santoshnagar drain & Peshwe lake overflow drain coming to Katraj lake.
3. PMC authority- under Naidu Sewage District (SD-4) master plan has provided 1100 m length of 600mm diameter sewer line near Katraj Lake.
4. At the time of visit no nalla observed flowing into Katraj Lake. Two nos of storm water lines observed near this lake, both are observed dry.
5. Lake water sample collected having slightly brownish colour with no smell & pH-6-7.

Peshwe lake:-



Mangadewadi Nalla seen dry:-



Strom water line seen dry :-



Peshwe lake over flow nala & Gabion wall development:-



III) Jambulwadi Lake:-

1. At the time of visit no algal growth was seen in the lake water. Lake water is stagnant.
2. The previously removed Water hyacinth from lake was found lifted by PMC.
3. Jambulwadi lake water sample is collected having greenish colour & pH-7-8 with strong smell.
4. Visited the surrounding area of the Jambulwadi lake which is mainly residential area. Domestic effluent chambers seen on the bank of lake.

5. PMC authority has provided sewerage line of total 800 m length from Daripool near NH4 upto downstream of Jambulwadi lake. Also, provided 240 mtr length & 800 cum gabion wall for 2 nos of nalla with drain channelization coming from Kolewadi village & Jambulwadi village. Jambulwadi Village nalla seen dry during visit. Nalla near Venkatesh height found dry at time of visit.
6. At time of visit one nalla carrying yellowish domestic effluent having pH-6-7 & septic smell found mix to Jambulwadi lake, sample of nalla water is collected at the time of visit.

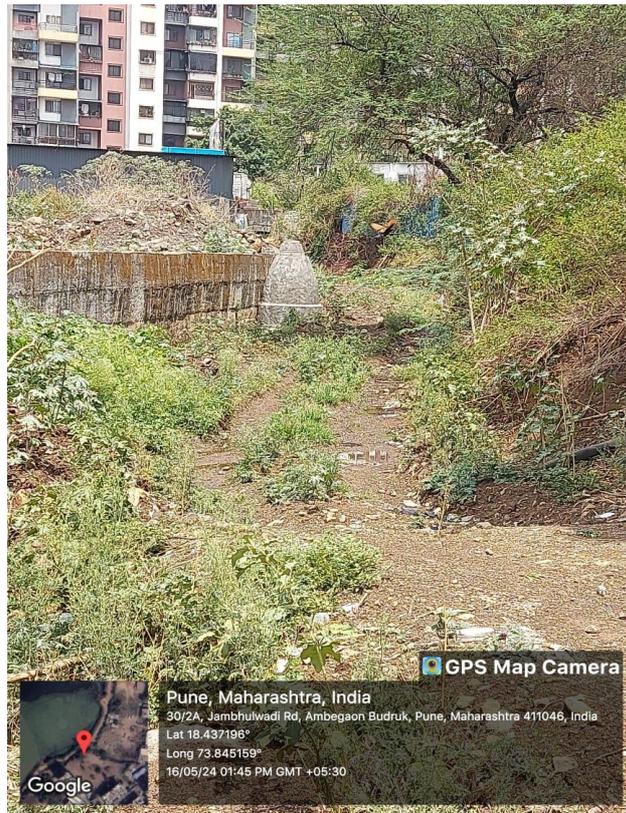
Jambhulwadi lake :-



Jambhulwadi Nalla near NH 4 seen dry :-



Venkatesh hights nala seen dry :-



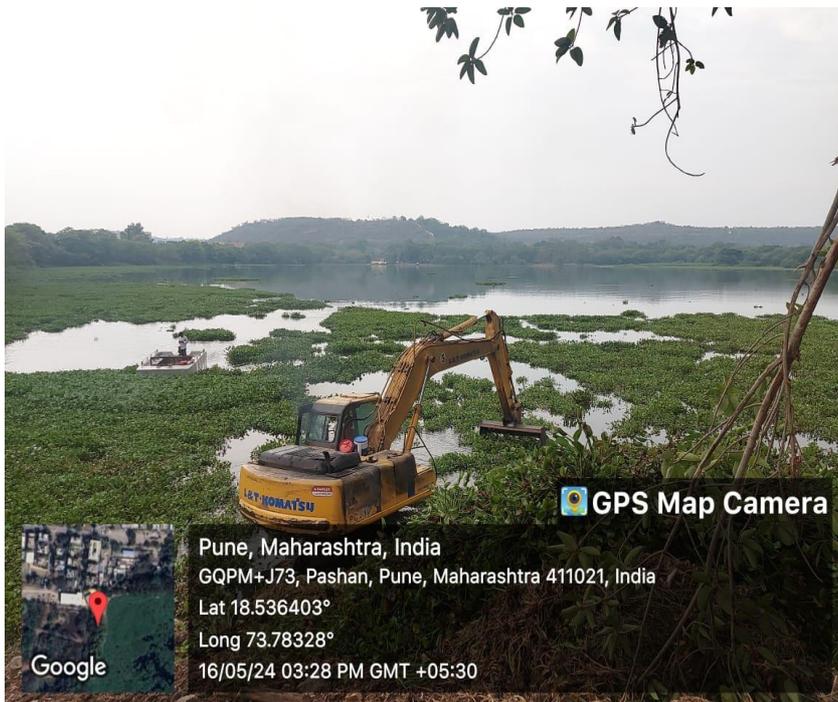
Gabion wall and drain channelization near daripool NH 4 :-



III) Pashan Lake:-

1. At the time of visit growth of water hyacinth seen in the lake.
2. Lake water is stagnant. Pashan lake water sample is collected having pale yellowish color & pH-7-8 with septic smell.
3. It is observed that, PMC authority has removing water hyacinth from lake water through three numbers of JCB's. Removed Water hyacinth found dumped on the bank of lake.
4. Visited the surrounding area of the Pashan lake & Ram River. Domestic effluent chambers seen on the bank of ram river. Growth of water hyacinth seen Near Perfect auto station bridge Bavdhan, there is no space for sample collection.
6. PMC authority has started construction of STP near Ram River at Ram nagar Bavdhan. Civil work of STP of 1 MLD capacity is in progress. PMC authority has not applied for Consent to Establish to Board office.

Pashan lake water hyacinth removal work :-



Pashan proposed STP civil work :-



Deepak Sonawane

Deepak Sonawane
Sub Engineer Drainage department
Pune Municipal Corporation, Pune.

Sanjay Kumar Ghule

Sanjay Kumar Ghule
Junior Engineer Drainage department
Pune Municipal Corporation, Pune.

Shashikant Nivdekar

Shashikant Nivdekar
Junior Engineer Drainage department
Pune Municipal Corporation, Pune.

Siddhram Patil

Junior Engineer Drainage department
Pune Municipal Corporation, Pune.

Jyoti Sutar
Field Officer,

Jyoti Sutar

MPC Board, Pune-1.



Office of Superintending Engineer
 Drainage – O & M Division
 Pune Municipal Corporation
 Outward No: 290
 Date: 22/5/2024

240522-FTS-0175

To,
 Regional officer
 Maharashtra Pollution Control Board
 Regional Office – Pune
 Jog Centre, 3rd Floor, Wakdewadi,
 Old Pune Mumbai Road,
 Pune – 411 003

Subject: Proposed Directions under section 33A of Water (Prevention & Control of Pollution) Act, 1974.

Reference : Your letter no. MPCB/ROP/PD/2403190007 dated 19-03-2024.

Respected Sir,

This refers to above mentioned subject and reference, we would like to summarize the various actions taken regarding the points raised in the letter as follows

1. The reply the Nation Green Tribunal's issued notice regarding foul smell from Lake troubles Katraj and Bibwewadi Society Residents is already submitted to NGT and copy of the same is enclosed for your perusal.
2. The various actions taken against the proposal submitted by Sub Regional Officer, Pune-1 are as follows

A. Actions Taken against Non-Compliances of Lake inside the Rajiv Gandhi Zoological Park and Wildlife Research Centre Lake, Katraj Pune.

- Under the 15th Finance Commission, the following actions have been taken near Katraj Lake through Drainage Operation & Maintenance Department of Pune Municipal Corporation, Pune.
- Pursuant to the subject complaint, under the 15th Finance Commission, a provision of Rs. 894.16 Lakhs has been sanctioned for Katraj, Jambhulwadi and Pashan Lake and surrounding area.
- Under this work, gabion walls of about 230 m length have been developed for 2 drains (Santoshnagar drain, Peshwa lake overflow drain) contributing to Katraj lake. The construction work of Sewage Treatment Plant of 2 MLD capacity is in progress. The application for Consent to Establish for the same is in progress and the same will be submitted soon. The work will be completed by the end of June.

SPOI

Due to this work, the sewage flowing from the open nallawill be stopped. This will eliminate the bad smell in the area. Also, this project will control the water hyacinth growth in the Katraj lake. The outcome of the all above works helping to increase the biodiversity of the lake.

- Under Naidu Sewage District (SD-4) as per Sewerage Master Plan prepared by Pune Municipal Corporation a sewer line of 1100 m length of 600mm diameter has been developed beside the Katraj lake to avoid sewage flowing into Katraj lake.
- Desilting of the Katraj lake at Rajiv Gandhi Zoological Museum has been done from time to time during March 2023 to Jan. 2024, and so far about 14,219.33 cum silt have been removed from the lake.
- The water hyacinth is removed from time to time through the Environment Department of Pune Municipal Corporation as required.
- 900 mm diameter and length of 1100 M Sewerline from KK Market to Padmaja Culvert has been developed to stop sewage flowing in drains and work maps are attached.
- The additional amount to be required for completing remaining work and proposal for budget required put up for the sanction as follows:-

	Name of Work	Necessary provision for remaining work. (in lakhs)	Remaining Work to be done
	Construction of retaining wall along the boundary of sewage treatment plant near Katraj Lake and doing the remaining works.	412.00	<ul style="list-style-type: none"> • Retaining wall of 170 m wide and 5 m height is required for STP unit security and Katraj zoo road. • In PeshwaLake overflow drain. Deepening and cleaning is required for 300 M length and width of 15 to 20 m so that HFL will not increase during monsoon. • Development of 150 m long 600 mm diameter sewer to connect the outfall to trunk main at KatrajChowk. • For outfall Connection, development of 200 m long sewer line of 450 mm diameter of Katraj Garbage Depot near Katraj Junction Hotel.

B. Actions Taken against Non-Compliances of Pashan Lake

- Proposed 1 MLD capacity Sewage treatment Plant near to HEMRL gate at Ram River, Pashan area. This work is in progress and will be completed by the end of July 2024. The application for Consent to Establish for the same is in progress and the same will be submitted soon.
- Sewer development work for Sewage treatment Plant was completed by laying 800 m sewer line out of 1200m .

- Provided and laid sewer trunk mains and collection systems of total length 2000m in sr.no.25,38,45,47,49 and 67 from Pune Municipal Corporation boundary to Ram River for maintaining health and hygiene at the Bavdhan area.

The additional amount to be required for completing remaining work and proposal for budget required put up for the sanction as follows:-

	Name of Work	Necessary provision for remaining work.(in lakhs)	Remaining Work to be done
	Construction of gabion walls, construction of pipe culvert and development of remaining sewers near Pashan Lake	428.00	<ul style="list-style-type: none"> • In-casing of 900mm diameter sewer pipe for 200m length. • Development of Gabion wall for 600 m Length in open Drain. Development of Gabion Wall of 90 m adjacent to STP. • Development of 300m long 600mm diameter sewer for nearby Toyota-Showroom outfall and connecting to the main sewer. • To construct pipe culvert ,For the safety measure of 900 mm diameter sewer along Ramnadi bank

C. Actions Taken against Non-Compliances of Jambhulwadi Lake

- Drainage Operation and Maintenance Department has done the following works near Jambhulwadi Lake.
- A provision of Rs. 400 lakhs was made available under the 15th Finance Commission for the work of laying drainage lines in the subject areas. Under this work, 100 m of 300 mm diameter, 150 m of 450 mm diameter, 550 m of 600 mm diameter. Such a total of 800 m long sewers have been developed and gabion walls of about 240 m length and 800 cum size have been developed for the 2 drains coming from Kolewadi village and Jambhulwadivillage.
- Jambhulwadilake is receiving a total of 5 natural drains, out of these 4 drains were flowing with containment water. In view to stopped this flow, under the supervision of Primove Infrastructure Development Consultants Pvt. Ltd. Two natural drains out of 4 drains Sewage flowing has been closed from Jambhulwadi lake with the funds received under the 15th Finance Commission.
- Under Providing and laying Sewerline project for newly merged 11 villages sewerline diameter of 600 mm , 250 mm and 450 mm diameter sewer lines were laid from Viva Samovar. Also, Trunk main of 600mm diameter near Jambhulwadi lake has been developed from the above project works. The work of laying of sewerline under the Drainage Project Department is in progress to stop open sewage flowing in Nallas / natural drains.

The additional amount to be required for completing remaining work and proposal for budget required put up for the sanction as follows:-

	Name of Work	Necessary provision for remaining work. (in lakhs)	Remaining Work to be done
	Construction of Gabion wall and remaining sewer Development near Jambhulwadi Lake.	530.00	<ul style="list-style-type: none"> • Development of gabion wall. (160 m length , 4 m width , 2.5 m height) • 2.5 m deepening of 70 m long, 30 m wide area at Kolewadi and JambulwadiNala Junction. • Stone Pitching, Grove Pointing, 900mm Dia semi-circular pipe for 40m length, 12m width in Jambulwadi Drain to flow through Channel. • Development of 300 m long, 450 mm diameter sewer

D. Actions Taken against Non-Compliances of Katraj(Peshawe) Lake, Katraj

- Sewerline works of 8000 m length of 900, 600, 450 mm diameter have been developed from the Peshwa Lake Udyan to MangdewadiBhilareWadi and Gujar NimbalkarWadi, in view to stopped the sewage flowing into the Peshwa Lake.

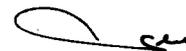
These are steps taken to stop the discharging the untreated domestic effluent into natural water bodies and we have make the provisions for to control and divert the discharge through pipelines to the Sewage Treatment Plant down the line.

Therefore, considering above measures, we request you that please do not initiate any action under provisions of Water (Prevention and Control of Pollution) Act and Air (Prevention and Control of Pollution) act against us.

Trust this is inline.

Thanking You.

Yours faithfully,



**Superintending Engineer
Drainage – O & M Division
Pune Municipal Corporation**

