

BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL,  
WESTERN ZONE BENCH AT PUNE

Original Application- 91 /2024

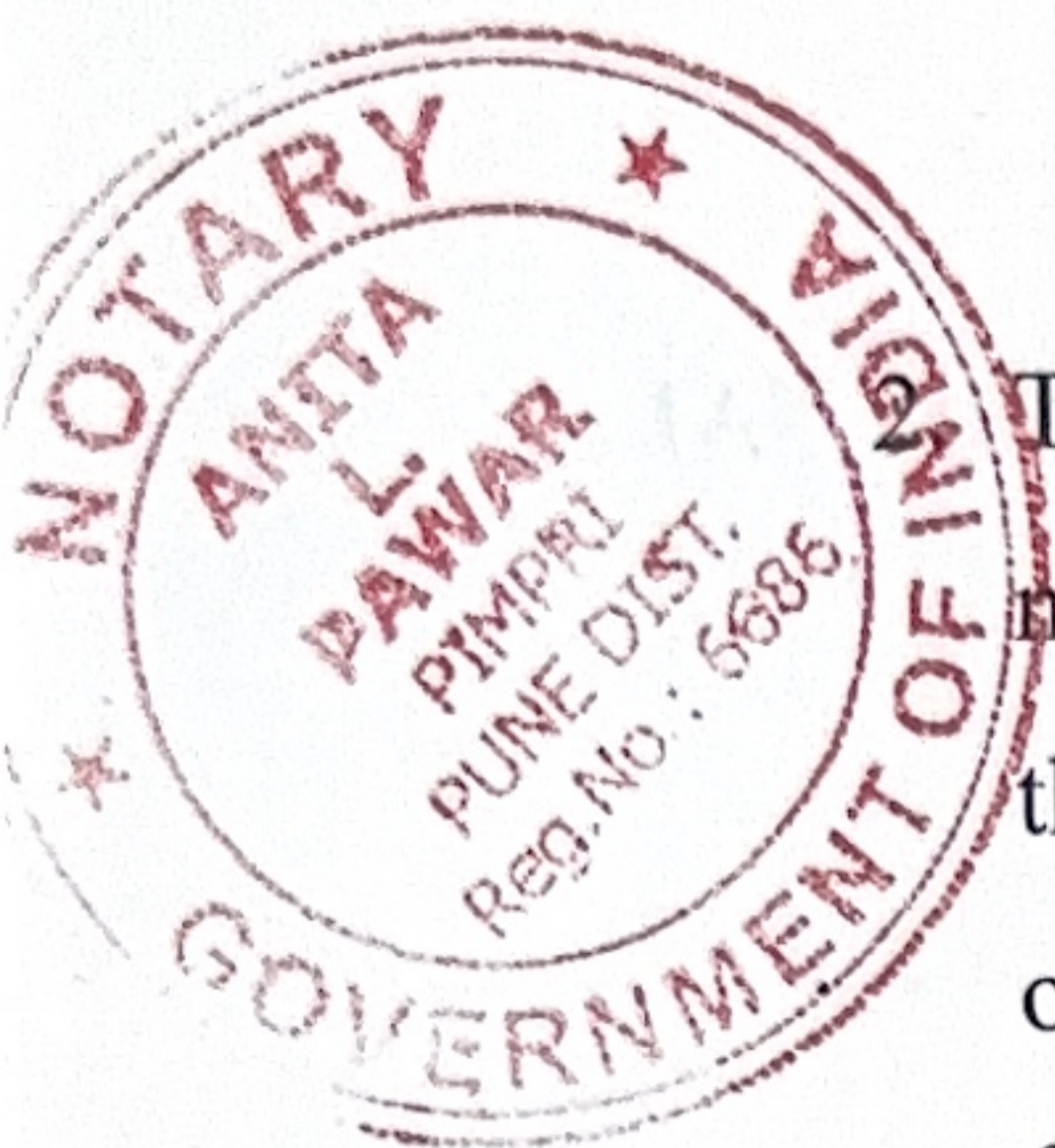
Suo Motu

Re : News Item titled "Pavana River enters 'Priority' category due to increase in pollution", Appearing in the Hindustan Times dated 26.02.2024

**AFFIDAVIT IN REPLY ON BEHALF OF RESPONDENT NO 4  
PIMPRI CHINCHWAD MUNICIPAL CORPORATION**

I, Mr. Harvindersingh Bansal aged about 54 years working as the Executive Engineer, Environment Department of the Pimpri Chinchwad Municipal Corporation having office at PCMC Building, Mumbai – Pune Road, Pimpri, Pune 411018, do hereby solemnly affirm and state as under.

1. I say that being the Executive Engineer, Environment Department of the Pimpri Chinchwad Municipal Corporation, I am aware of the facts and circumstances of the above Original Application and hence I am competent to swear this Affidavit in Reply. I say that the contents of the O.A. are denied save to the extent specifically admitted by me herein. Nothing herein may be deemed to be admitted for lack of a specific traverse.



The Answering Respondent states that the cleaning and maintenance of the Rivers is its duty and it is committed towards the same. The Answering Respondent has been actively working on the action plan to address pollution in the Pawana River. The following key actions have been undertaken as part of our responsibilities and commitments to ensure the protection and conservation of our natural water bodies complying with their Hon'ble Tribunal's directives.

3. The Answering Respondent is hereby listing out the Status of Sewage generation & treatment within its Jurisdiction specifically with respect to the river Pawana, As a responsible authority, the Answering Respondent has a full-fledged system of sewerage collection and treatment. Total installed capacity of existing STP's in Pawana, Mula and Indrayani River basin are 363 MLD as on date. The installed capacity of existing STP's in Pawana basin is of 260 MLD and about 244 MLD is being treated. Additionally there is a sewerage network of 1600 kms.

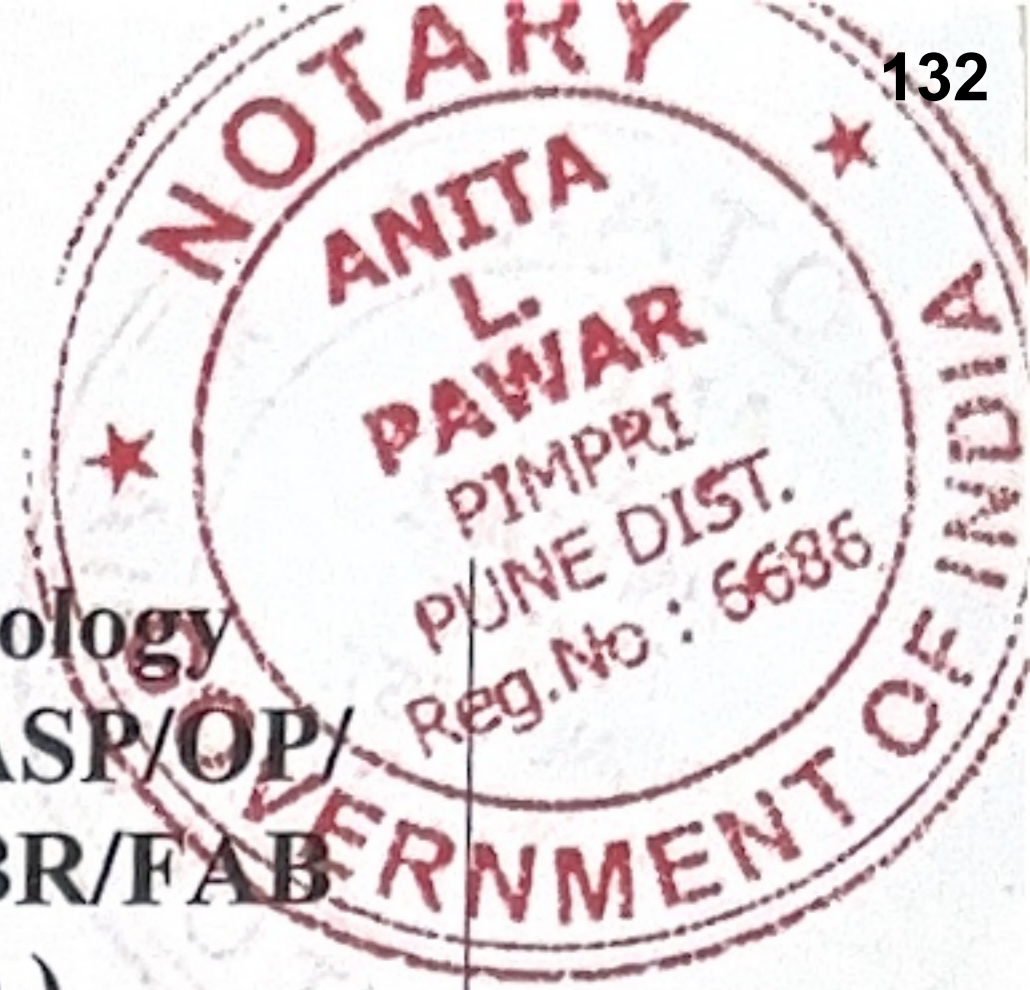
The details are as below;

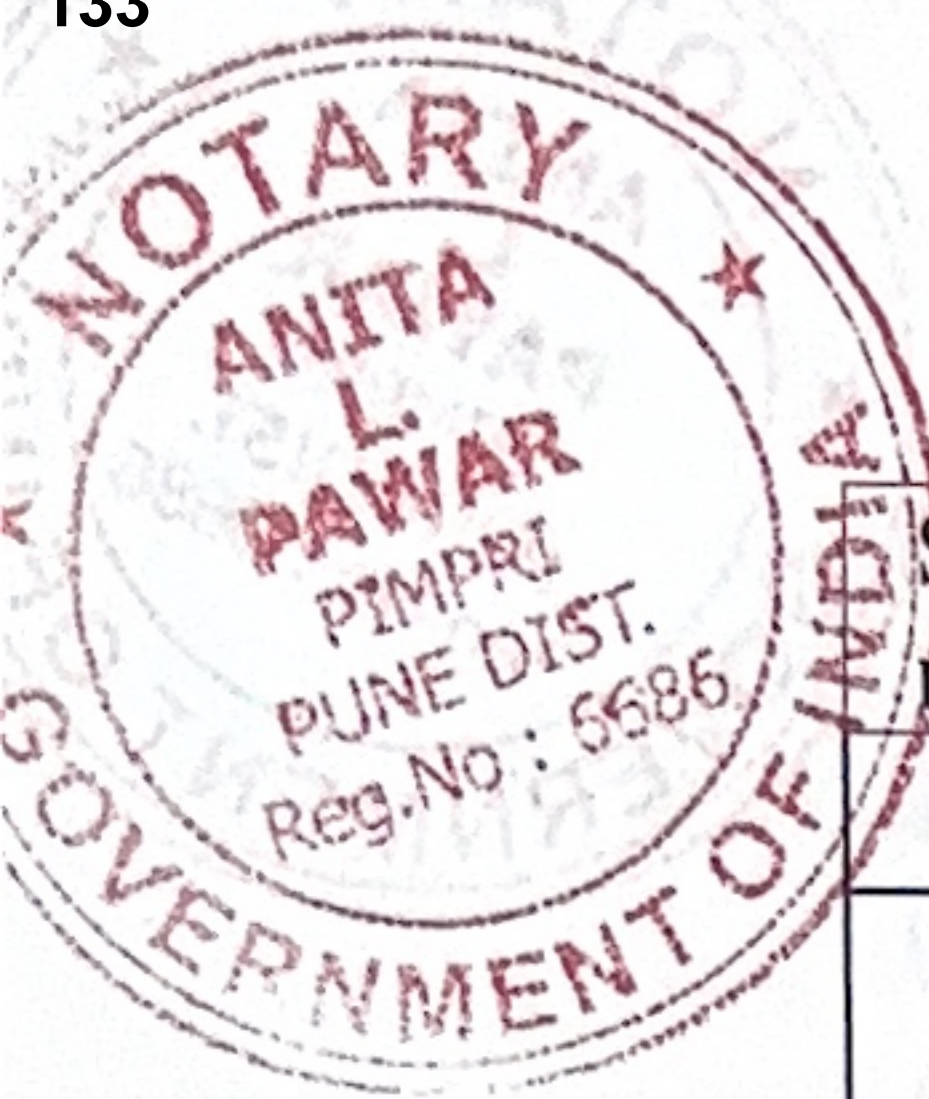
| Sr. No. | Pawana Basin STP Location     | STP Installed Capacity (MLD) | STP Utilization Capacity (MLD) | Technology (UASB/ASP/OP/SBR/MBR/FAB etc.) |
|---------|-------------------------------|------------------------------|--------------------------------|---|
| 1       | Akurdi                        | 30                           | 30.35                          | SBR                                       |
| 2       | Ravet                         | 20                           | 19.72                          | SBR                                       |
| 3       | Chinchwad Phase I (Bhatnagar) | 30                           | 31.46                          | ASP                                       |

| Sr. No. | Pawana Basin STP Location | STP Installed Capacity (MLD) | STP Utilization Capacity (MLD) | Technology (UASB/ASP/OP/SBR/MBR/FAB etc.) |
|---------|---------------------------|------------------------------|--------------------------------|---|
| 4       | Chinchwad Phase II        | 30                           | 22.81                          | SBR                                       |
| 5       | Kasarwadi I               | 40                           | 37.27                          | ASP                                       |
| 6       | Kasarwadi II              | 40                           | 40.84                          | ASP                                       |
| 7       | Kasarwadi III             | 40                           | 37.07                          | SBR                                       |
| 8       | SangviPh- I               | 10                           | 9.63                           | SBR                                       |
| 9       | SangviPh- II (Dapodi)     | 20                           | 15.81                          | SBR                                       |
|         | <b>Total</b>              | <b>260</b>                   | <b>244.96</b>                  |   |

Notably, 57% of sewage is pumped through 21 sewage pumping stations, with the remaining conveyed through gravity network systems. Specifically for Pawana River basin, PCMC has 18 pumping stations. The details are mentioned below:

| Sr. no. | Pumping Station name | Capacity (MLD) | STP                | River Basin |
|---------|----------------------|----------------|--------------------|-------------|
| 1       | Kiwale               | 10             | Ravet              | Pawana      |
| 2       | Dapodi               | 2.5            | Kasarwadi          | Pawana      |
| 3       | Fugewadi             | 3              | Kasarwadi          | Pawana      |
| 4       | Sangavi (mulanagar)  | 3.25           | Sangvi             | Pawana      |
| 5       | Gokhle park new      | 23             | Chinchwad SBR      | Pawana      |
| 6       | Keshavnagar          | 2.5            | Chinchwad SBR      | Pawana      |
| 7       | Kakde Park           | 4.5            | Chinchwad SBR      | Pawana      |
| 8       | Kalewadi             | 12             | Kasarwadi Phase II | Pawana      |

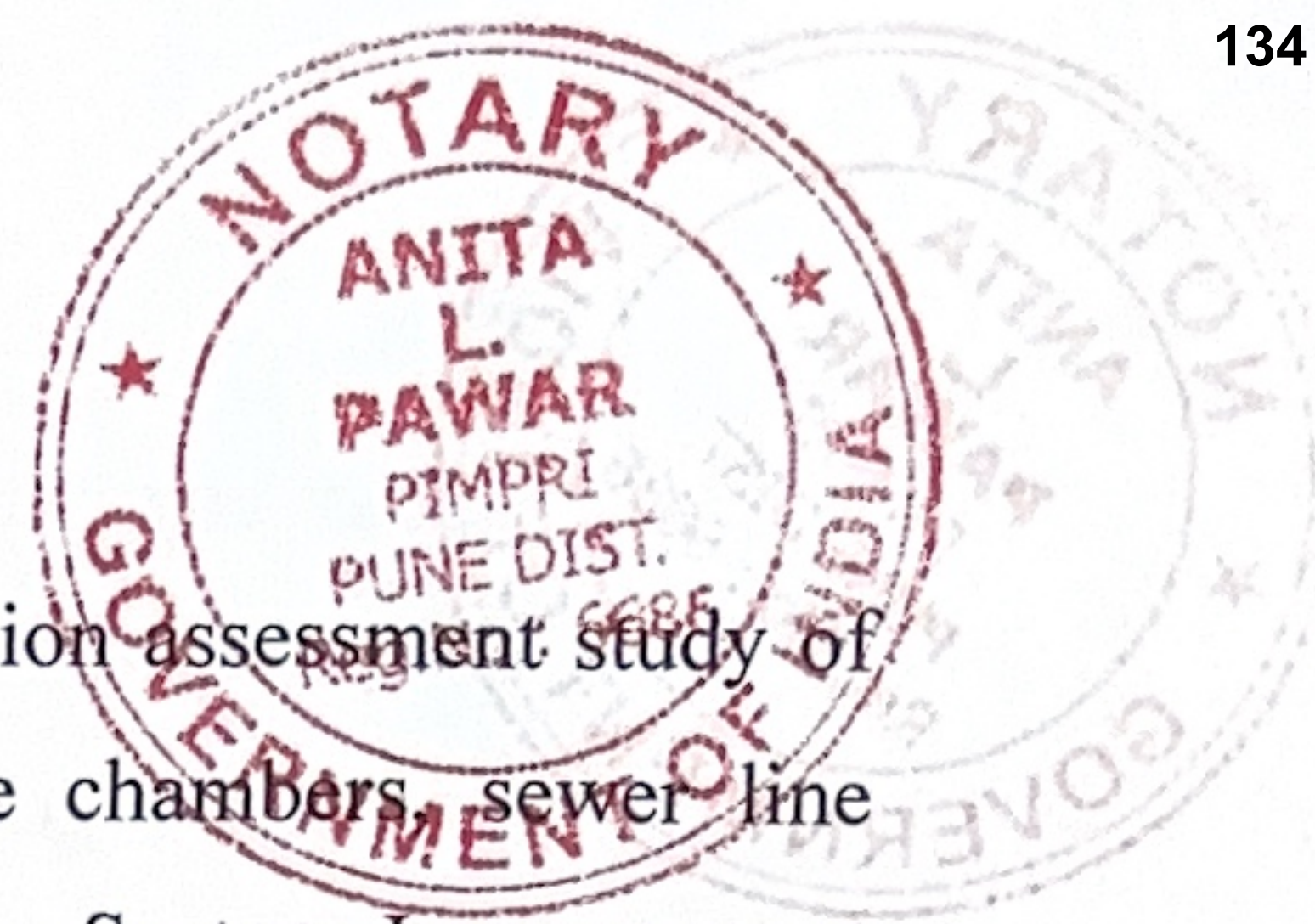




| Sr. no. | Pumping Station name | Capacity (MLD) | STP                    | River Basin |
|---------|----------------------|----------------|------------------------|-------------|
| 9       | Deolmala             | 1.5            | Chinchwad SBR          | Pawana      |
| 10      | Pimple Saudagar      | 28             | Kasarwadi Phase II     | Pawana      |
| 11      | Pimpri Main delux    | 12.5           | Bhatnagar              | Pawana      |
| 12      | Bhosari S.no.231     | 10             | Kasarwadi              | Pawana      |
| 13      | Bhosari PS-1         | 18             | Kasarwadi              | Pawana      |
| 14      | Bhosari PS-2         | 26             | Kasarwadi              | Pawana      |
| 15      | Bhat Nagar           | 3              | Bhatnagar              | Pawana      |
| 16      | Sangvi New           | 20             | Dapodi                 | Pawana      |
| 17      | Chinchwad low level  | 1.5            | Chinchwad              | Pawana      |
| 18      | Bhosari S.no.217     | 5              | Converted to STP 7 MLD | Pawana      |

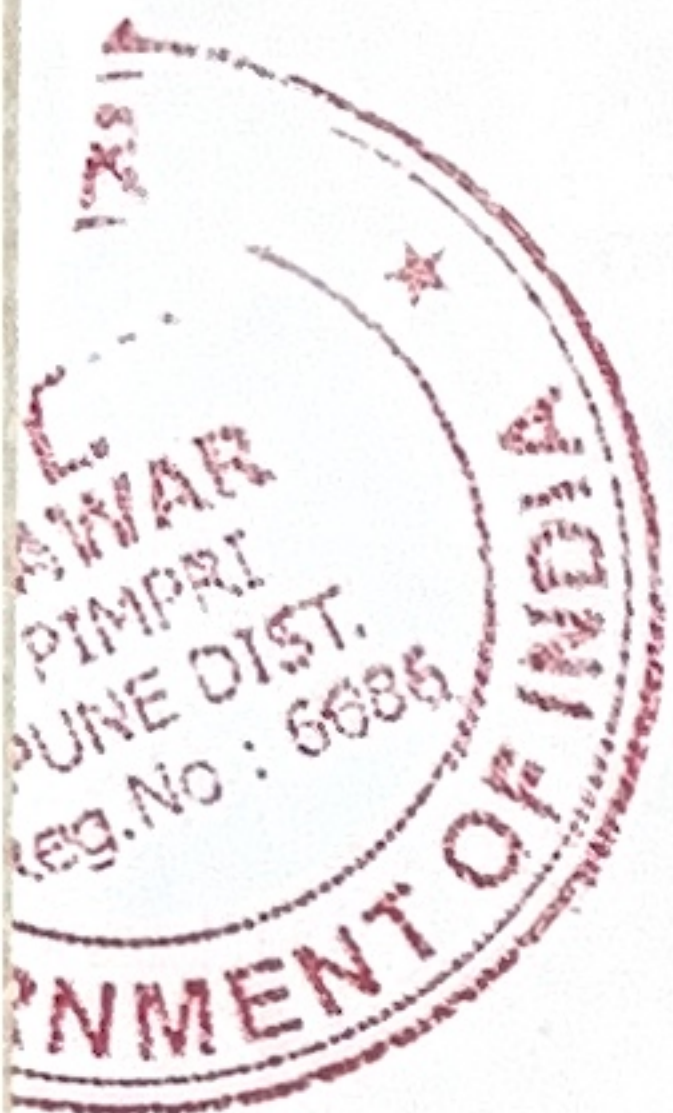
PCMC has already started the construction of new and proposed STP's along Pawana River basin the details of which are given below in the following Tabular form:

| Pawana River Basin STP Status |                             |                |                               |                |              |                |
|-------------------------------|-----------------------------|----------------|-------------------------------|----------------|--------------|----------------|
| Sr. No.                       | Under Operation/<br>Working |                | Under construction            |                | Proposed     |                |
|                               | Location                    | Capacity (MLD) | Location                      | Capacity (MLD) | Location     | Capacity (MLD) |
| 1                             | Chinchwad Phase 1 & 2       | 60             | Chinchwad Walhekarwadi        | 4              | Tathwade     | 20             |
| 2                             | Sangvi&Dapodi               | 30             | Chinchwad Keshavnagar         | 4              | Kiwale       | 20             |
| 3                             | Kasarwadi                   | 120            | Chinchwad Phase 1 (Bhatnagar) | 15             | Mamurdi      | 20             |
| 4                             | Ravet                       | 20             |                               |                | Punawale     | 20             |
| 5                             | Akurdi                      | 30             |                               |                | CME          | 40             |
|                               | <b>Total</b>                | <b>260</b>     | <b>Total</b>                  | <b>23</b>      | <b>Total</b> | <b>120</b>     |



4. Recently PCMC has performed the condition assessment study of existing Nallas, Sewer Network, drainage chambers, sewer line flowing under Nallas etc. and prepared the System Improvement Plan (SIP) /DPR for strengthening of the sewer network system and initiated Action plan as per following;

1. Replace / upgrade existing sewer network of 250 kms within PCMC jurisdiction
  2. Laying new sewer network of 750 kms including bulk transmission mains upto STP's.
  3. Repair program for broken chambers 7573 nos. is under implementation.
  4. Cleaning program for choked up chambers 13556 nos. is under implementation.
  5. Upgradation of STP's with latest technology to improve quality of effluent as per new MPCB norms.
  6. To construct additional sewage treatment capacity of 200 MLD while considering the immediate requirement for the year 2031.
  7. To set up centralized real time monitoring system to monitoring and control the quality parameters of STP's at one place.
  8. Independent third party agency quality checks for all STPs and various points.
5. Further To prevent the pollution, The Answering Respondent has installed an interceptor line with a length of 32.00 km to capture sewage flowing into the river. Additionally, mechanical and manual screens have been strategically installed in to the major nallas to



ANITA L. PAWAR  
 ADVOCATE & NOTARY  
 GOVT. OF INDIA  
 PIMPRI, PUNE DIST.  
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 - 2 NDA 505



avoid any solid waste to enter into the river. The Answering Respondent also has in-house facilities for treating the inlet sewage as per the guidelines of the Maharashtra Pollution Control Board (MPCB) and the Central Pollution Control Board (CPCB). Additionally, we have engaged M/S Monera Lab, accredited by the National Accreditation Board of Testing and Calibration Laboratories (NABL), for regular effluent parameter testing. Also, to improve the oxygen levels in the water, the Answering Respondent has installed a SABRE Tank, Floating Bioreactor, and Aerator at the Kejudevi Dam, Thergaon.

- 6. A dedicated team operates around the clock to monitor and prevent environmentally hazardous waste, debris, plastic, and other pollutants entering the river. The Answering Respondent has also initiated the River Rejuvenation Development Project along the 24 km of Pawana River which is awaiting Environmental Clearance from government of Maharashtra. Which will further aid in tackling of pollution problems in the river.
- 7. Thus the above Original Application may be disposed off in accordance to the action plan submitted by the Answering Respondent.

Advocate for Respondnet No 1

*[Signature]*  
 Harvindersingh Bansal  
 Executive Engineer  
 Pimpri Chinchwad Municipal Corporation

Solemnly Affirmed at Pune  
 On this 5<sup>th</sup> Day of November 2024.

**ATTESTED**

**ANITA L. PAWAR**  
 ADVOCATE & NOTARY  
 GOVT. OF INDIA  
 Sai Paradise, Flat No. 3, Opp. Roplas Co.,  
 Kangar Nagar, Pimpri, Pune-411 018.

**- 5 NOV 2024**

