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PMRDA Affidavit in Reply to the O.A. No 111/2024. News Item "Layer of Toxic Floats of Indrayani River:"

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

Original Application No.111 of 2024 WZ.

News Item Title "Layer of Toxic Foam Floats on Surface of Indrayani River in Pune.

Applicant.

VERSUS

Maharashtra Pollution Control Board and Others.

Respondents.

Affidavit in Reply to the O.A. No 111/2024. News Item "Layer of Toxic Floats of Indrayani River, Pune on behalf of the PMRDA.

I, Prashant Patil, superintending Engineer of the PMRDA, having my office at Pune Metropolitan Region Development Authority, Near Akurdi Railway Station, Pune 411044 do hereby file an Affidavit in Reply to the News Item Title "Layer of Toxic Foam Floats on Surface of Indrayani River in Pune duly served on the PMRDA as an original application bearing no. 111 of 2024 on behalf of the PMRDA as under:

1) Pune Metropolitan Region Development Authority is the planning & development authority for the Pune Metropolitan Region was notified in the year 2015 and has been appointed as the Special Planning Authority excluding the area of the Local Authority vide Notification dated 18th January 2018 & the works assigned to the Grampanchayat in respect of public health & medical services etc as per the Section 2 (19) of the Maharashtra Zillah Parishad and Panchayat Samitis Act, 1961. I crave leave to refer to & rely upon those provisions whenever necessary.

2) I say & submit most respectfully that the Indrayani River originates in Lonavala, tal Maval, Pune. It is having length of 105 km. Out of 105 km river length, 18 km length which is highly polluted mainly comes under the jurisdiction of Pimpri-Chinchwad Municipal Corporation (PCMC). A Detailed Project Report (DPR) for Pollution Abatement of this 18 km stretch is under preparation by PCMC. For this detailed project PCMC has considered polluting streams and nallas from both banks of river. As the left bank of river comes under PMRDA jurisdiction, No Objection Certificate (NOC) to carry out work pertaining to left bank area is issued to PCMC. A copy of the True Translation of Marathi NOC along with the Office copy communicated by the PMRDA to the PCMC dated 27th May 2021 is enclosed for ready reference. (Annexure-A)

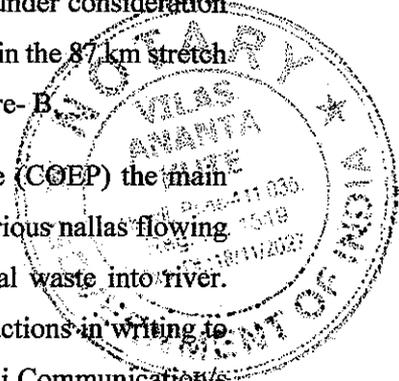
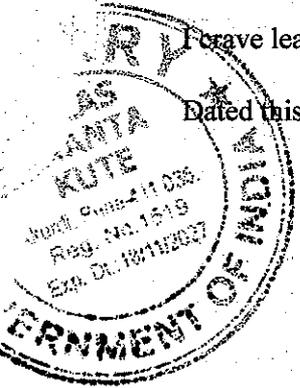
3) For the remaining length of 87 km upstream stretch of river, PMRDA has examined the water quality by water sample collection & has carried out analysis of those samples from College of Engineering Pune (COEP). A detailed project report of Rs 583.23 Cr is prepared by PMRDA for this 87 km length and the same DPR is sent to National River Conservation Directorate (NRCD) of Government of India, vide Letter dated 08th January 2024 for approval, which is under consideration from Government Of India. A List of the Proposed Sewage Treatment Plants (STP) in the 87 km stretch of river side of Indrayani is enclosed herewith along the map & marked as Annexure- B.

4) As per the observations of the experts from The College of Engineering Pune (COEP) the main source of Indrayani River Pollution is from untreated domestic sewage through various nallas flowing from dense habited urban areas as well as direct discharge of untreated industrial waste into river. PMRDA has communicated this observation and has requested to take necessary actions in writing to MPCB, MIDC & PCMC vide Letter dated 05/06/2024 True Translation of Marathi Communication/s dated 05/06/2024 Into English with the Office copy/ies enclosed & marked as an Annexure-C and D.

5) The Photographs along with the Google Plan showing the jurisdiction of 18 km PCMC-Area, and the Foam generated in this stretch due to the untreated industries waste flows are enclosed for kind perusal & marked as an Annexure-E.

I crave leave to file additional affidavits as and when necessary.

Dated this 19 Day of June 2024 at PMRDA Office.



For & On behalf of PMRDA

[Signature]
20.6

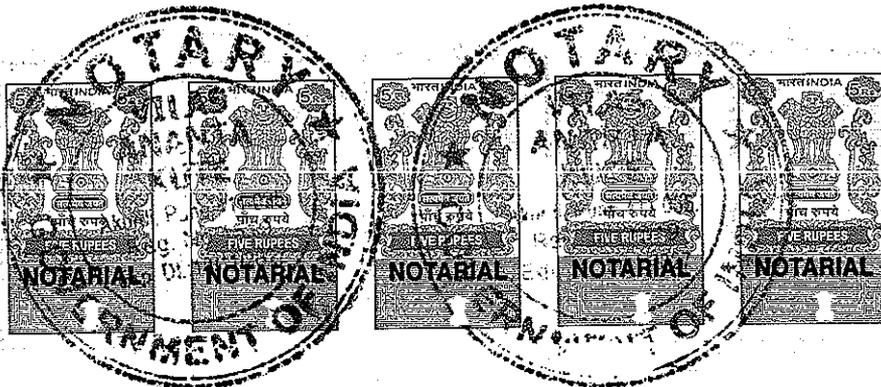
Authorized Signatory
Superintending Engineer
Engineering Division (Water Supply)
Pune Metropolitan Region Development
Authority, Pune

VERIFICATION

I, Prashant Patil, superintending Engineer of PMRDA do hereby state that the contents of paragraphs 1 to 5 of my Affidavit in Reply to the News are true & correct to the best of my knowledge & belief, All Annexures are True Office-Copies & True Translation thereof.

[Signature]
20.6

(Prashant Patil)
Superintending Engineer
Engineering Division (Water Supply)
Pune Metropolitan Region Development
Authority, Pune



BEFORE ME

[Signature]
21/6/2024

VILAS ANANTA KUTE
NOTARY
UNION OF INDIA
Vitthalwadi, Akurdi, Pune-35.

Noted And Registered
at Serial Number 2226/2024



पुणे महानगर

पुणे महानगर प्रदेश विकास प्राधिकरण, पुणे
पिंपरी-चिंचवड नवनगर विकास प्राधिकरण, आकुर्डी प्राधिकरण नविन प्रशासकीय इमारत, आकुर्डी रेल्वे स्टेशन जवळ,
आकुर्डी, पुणे ४११ ४११

Pune Metropolitan Region Development Authority, Pune
PCNTDA, AkurdiPradhikaran New Administrative Building, Near Akurdi Railway Station,
Akurdi, Pune - 411 011

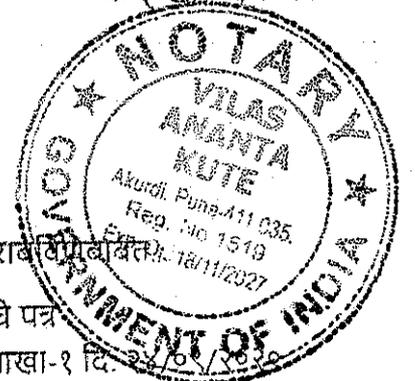
Phone No. : 020- 259 33 344 / 356 / 333 Email: cewater3@gmail.com

EG-03/नसुप्र/१०.१७/प्र.क्र.८४/ ९८ /शाखा-०१

दि. २६/०५/२०२१

प्रति,
मा.आयुक्त
पिंपरी-चिंचवड महानगरपालिका,
पिंपरी, पुणे-४११०१८.

विषय : पिंपरी-चिंचवड क्षेत्रातील इंद्रायणी नदी पुनरुज्जीवन प्रकल्प संयुक्तपणे राबविणेबाबतचे संदर्भ : १) आपले पत्र क्र.पअक/५/कावि/३५९/२०२० दि. १८/०७/२०२० रोजीचे पत्र
२) या कार्यालयाकडील पत्र क्र. EG-०३/नसुप्र/१०.१७/प्र.क्र.८४/२७२/शाखा-१ दि. २७/०५/२०२१



पुणे महानगर प्रदेश विकास प्राधिकरण मार्फत इंद्रायणी नदी सुधार प्रकल्पाचे काम हाती घेण्यात आलेले आहे. त्या अनुषंगाने तयार करण्यात आलेला पूर्व सुसाध्यता अहवाल केंद्र शासनाच्या जलशक्ती मंत्रालया अंतर्गत असलेल्या राष्ट्रीय नदी संवर्धन संचालनालय यांचेकडे मंजुरीसाठी सादर करण्यात आला होता तथापि सदर पूर्व सुसाध्यता अहवालामध्ये शेरे उपस्थित करण्यात आले असून त्याची पूर्तता करण्याचे काम अंतिम टप्प्यात आहे. पूर्व सुसाध्यता अहवालानुसार इंद्रायणी नदीची उगम ते संगम या दरम्यान एकूण लांबी साधारणपणे १०३ कि.मी इतकी असल्यामध्ये इंद्रायणी नदीच्या उजवीकडील बाजूस असणारे पिंपरी-चिंचवड महानगरपालिकेच्या हद्दीतील एकूण १०० किमी लांबीचे नदीचे क्षेत्र विचारात घेतलेले नाही.

प्राधिकरणामार्फत सादर केलेल्या अहवालास केंद्र व राज्य सरकारची अंतिम मान्यता प्राप्त होणे अद्याप बाकी आहे. सदर मान्यतेनंतर निधी उपलब्ध झाल्यास इंद्रायणी नदीच्या प्राधिकरण क्षेत्रातील कामे शासनामार्फत निर्धारित केलेल्या अटी व शर्तीनुसार करावे लागणार असल्यामुळे संयुक्तरित्या प्रकल्प राबविणेकरिता त्याचा खर्च लांबीच्या प्रमाणात करणेबाबतचा निर्णय सध्या घेता येणार नाही असे संदर्भिय पत्र क्र. २ अन्वये कळविण्यात आले होते.

संदर्भिय क्र १ व २ च्या अनुषंगाने पुनर्विचार करून प्राधिकरण क्षेत्रातील इंद्रायणी नदीच्या डाव्या व उजव्या अशा दोन्ही बाजूस असणारे एकूण १८.०० किमी लांबीच्या क्षेत्रामध्ये महाराष्ट्र प्रदूषण नियंत्रण मंडळाच्या कृती आराखड्यानुसार प्रदूषण नियंत्रणाची कामे करण्यास पुणे महानगर प्रदेश विकास प्राधिकरणाची हरकत नाही. तथापि सदर विकास कामासाठी आवश्यक संपूर्ण खर्च पिंपरी-चिंचवड महानगरपालिके मार्फत करण्यात यावा.

(मा.महानगर आयुक्त यांचे मंजूर टिप्पणीनुसार)

7awo/ecp
26.05.2021
(चंद्रकांत जावळे)
मुख्य अभियंता
पुणे महानगर प्रदेश विकास प्राधिकरण, पुणे

True translation of Marathi letter addressed to Hon. Commissioner Pimpri-Chinchwad Municipal Corporation, dtd 27/05/2021



पुणे महानगर प्रदेश विकास प्राधिकरण, पुणे

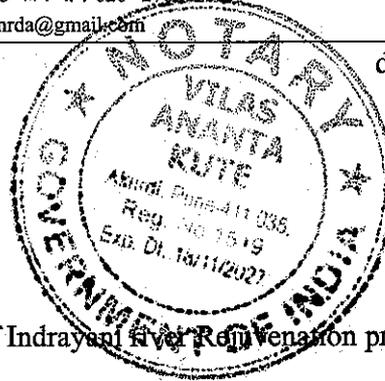
नवीन प्रशासकीय इमारत, आकुर्डी रेल्वे स्टेशन जवळ, पुणे - 411044
Pune Metropolitan Region Development Authority, Pune
New Administrative Building, Near Akurdi Railway Station, Pune-411044
Ph No. : 020-27659855 फोन नं. : 020- 27659855
Email: ce1pmrda@gmail.com



EG-०३/नसुप्र/२०.१७/प्र.क्र.८४/९८/शाखा-१

date: 27/05/2021

To,
Hon. Commissioner
Pimpri-Chinchwad Municipal Corporation,
Pimpri, pune-411018



Sub: Regarding joint implementation of Indrayani River Rejuvenation project in Pimpri-Chinchwad area.

Ref: १) your letter. पअक/५/कावि/३५९/२०२० dtd. 18/07/2020

२) From this office letter no. EG-०३/नसुप्र/२०.१७/प्र.क्र.८४/२७२/शाखा-१ dtd. 24/09/2024.

The work of Indrayani river Rejuvenation project has been undertaken through the Pune Metropolitan Region Development Authority. Accordingly a pre-feasibility report is prepared & was submitted to National River Conservation Directorate (NRCD) under the Ministry of Water Power, Central Government for approval. However remarks have been raised in the feasibility report and the compliance of the same is in the final stage. According to the pre-feasibility report, the total length of the river Indrayani from its source to its confluence is approximately 103 km, excluding the length of 18.00 km on the right side of the river Indrayani within the limits of the Municipal Corporation of Pimpri-Chinchwad which river area is not considered in PFR.

The report submitted by the PMRDA is yet to receive final approval from the Central and State Government. Vide reference letter no. 2 it is informed to you that after approval and availability of funds the Indrayani River stretch in PMRDA premises will have to execute as per Government prescribed terms and conditions, hence the decision to execute the project jointly with prorate basis with respect to length of river is not possible.

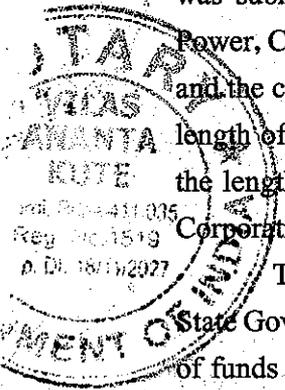
Considering the reference letter No. 1 and 2, the Pune Metropolitan Region Development Authority has no objection to carry out pollution control works as per the action plan of the Maharashtra Pollution Control Board in a total area of 18.00 km on both the left and right sides of the Indrayani River including PMRDA area. However, the entire expenditure required for the said development work should be met through the Pimpri-Chinchwad Municipal Corporation.

(As per the approved note by Hon'ble Metropolitan Commissioner)

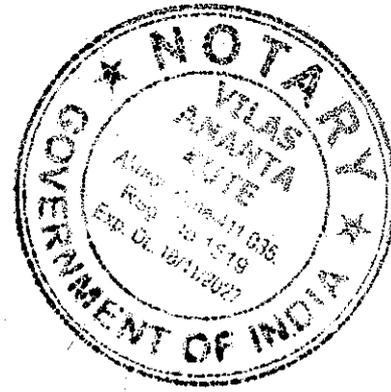
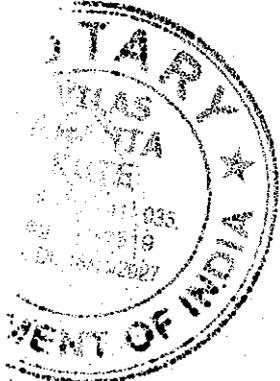
-sd-Chief Engineer

Pune Metropolitan Region Development Authority

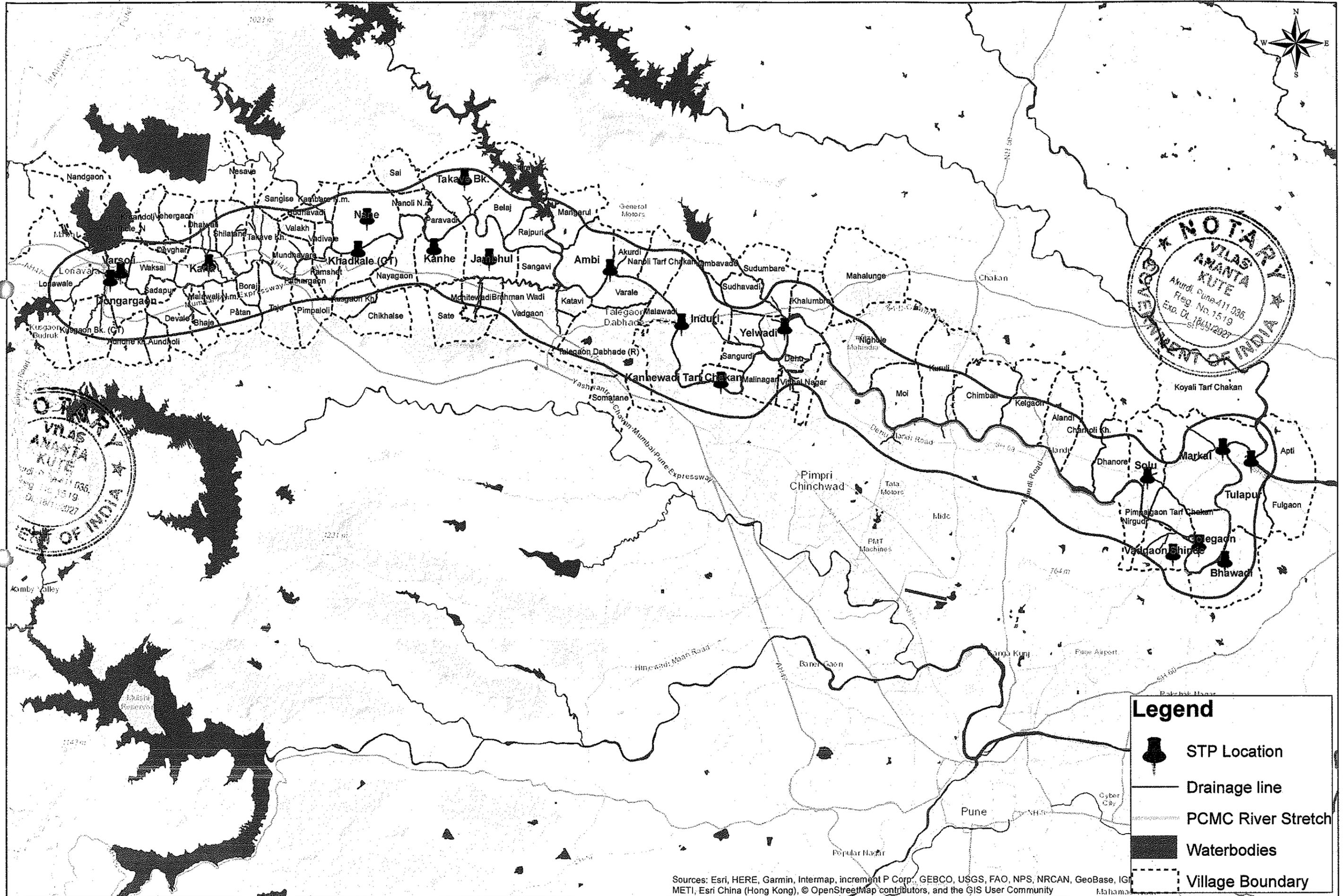
Pune.



Indrayani River - Proposed STP Location			
Sr.no.	Village Name	Taluka	Proposed STP Capacity
1	Ambi	Maval	500 KLD
2	Kusgav Bk.-Dongargaon	Maval	1 MLD
3	Golegaon	khed	150 KLD
4	Induri	Maval	2 MLD
5	Jambhul	Maval	500 KLD
6	Kanhe	Maval	500 KLD
7	Kanhewadi Tarf Chakan	khed	75 KLD
8	Karla	Maval	500 KLD
9	Kamshet -Khadkale	Maval	2 MLD
10	Markal	khed	1.5 MLD
11	Nane	Maval	200 KLD
12	Sangurdi	Haveli	75 KLD
13	Solu	khed	200 KLD
14	Takave Bk.	Maval	300 KLD
15	Tulapur	Haveli	250 KLD
16	Vadgaon Shinde	Haveli	350 KLD
17	Varsoli	Maval	400 KLD
18	Yelwadi	khed	200 KLD



INDRAYANI RIVER STP LOCATION MAP



Legend

-  STP Location
-  Drainage line
-  PCMC River Stretch
-  Waterbodies
-  Village Boundary

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, METI, Esri China (Hong Kong), © OpenStreetMap contributors, and the GIS User Community



पुणे महानगर प्रदेश विकास प्राधिकरण, पुणे

Pune Metropolitan Region Development Authority, Pune
New Administrative Building, Near Akurdi Railway Station, Pune - 411044.

Ph No. : 020-27659855 फोन नं. ०२०-२७६५९८५५

Email : ce1pmrda@gmail.com



स्वातंत्र्याचा सपूत महोत्सव

पुणे महानगर
क्र.EG-1/पु.म.प्र.वि.प्रा/नसुप्र/प्र.क्र.८४/७५ /शाखा-१

दि. ०५/०६/२०२४

✓ प्रति,

मुख्य अभियंता
महाराष्ट्र औद्योगिक विकास महामंडळ,
पुणे.

विषय: इंद्रायणी नदीपात्रात होत असलेले औद्योगिक प्रदुषणाबाबत...

संदर्भ : मा.आयुक्त, पिंपरी चिंचवड महानगरपालिका यांचे दालनात दि.२२/०५/२०२४ रोजीची बैठक.

इंद्रायणी नदी प्रदुषण नियंत्रणाकरीता PMRDA, PCMC, MIDC आणि MPCB या चार शासकीय यंत्रणांचे प्रतिनीधी यांची एक समिती गठीत करण्यात आलेली आहे. यानुसार मा.आयुक्त, पिंपरी-चिंचवड महानगरपालिका हे वारंवार इंद्रायणी नदी प्रदुषणाबाबत आढावा घेत आहे. या संदर्भात मा.आयुक्त पिंपरी चिंचवड महानगरपालिका यांचे दालनात इंद्रायणी नदी प्रवाहात होणारे प्रदुषण नियंत्रणाबाबत बैठक दि. २२/०५/२०२४ रोजी आयोजित करण्यात आली होती. सदर बैठकीत आपणाकडून औद्योगिक वसाहतीमधून होणाऱ्या नदी प्रदुषणाकरीता नियुक्त केलेल्या सल्लागार यांनी तयार केलेल्या प्रकल्प अहवाल बाबत सादरीकरण करण्यात आले. यामध्ये आपणाकडून MIDC Area मधील प्रदुषणाचा अहवाल व तसेच त्यासाठीच्या उपाययोजना याबाबत सविस्तर आढावा घेण्यात आलेली आहे.

या अनुषंगाने इंद्रायणी नदी प्रदुषण करीता असलेल्या पिंपरी-चिंचवड महानगरपालिकेच्या भोवतालचा जास्तीत जास्त औद्योगिक भागातील दुषीत पाण्यावर उपाययोजना करणेबाबत सूचना करण्यात आलेल्या आहे. इंद्रायणी नदी सुधार प्रकल्पा अंतर्गत पुणे महानगरप्रदेश विकास प्राधिकरणामार्फत उगमस्थानापासून ते तुळापूर (पिंपरी चिंचवड महानगरपालिका) हद्दी वगळता सुमारे ८७ किमी अंतराचा भागाचा नदी प्रदुषणाचा सविस्तर प्रकल्प अहवाल केंद्र शाखाच्या NRCD कडे सादर करण्यात आलेला आहे. सदर प्रकल्प अहवालाची छाननीसाठी IIT रुर्कीमध्ये प्रगतीपथावर आहे. सदर प्रकल्पाच्या पाणी नमुने तपासणी अंतर्गत तसेच प्रत्यक्ष पहाणी दरम्यान या इंद्रायणी लगतच्या गावात काही ठिकाणी औद्योगिक गतीविधी सुरु असून त्यात पुर्ण इंद्रायणी नदी प्रदुषीत होत आहे. तसेच पुणे महानगर प्रदेश विकास प्राधिकरण विकास आराखड्यातील काही भागात औद्योगिक क्षेत्र म्हणुन आरक्षण केलेला असून त्यामध्ये देखील औद्योगिक गतीविधी सुरु आहेत. कृपया या भागाचा आपल्यामार्फत अभ्यास करुन तयार करण्यात येणाऱ्या प्रकल्प अहवालात समावेश करण्यात यावा, ही विनंती.

सोबत : इंद्रायणी लगत असणाऱ्या Industrial Zone दर्शविणारी KML

(अशोक भालकर)

मुख्य अभियंता

अभियांत्रिकी विभाग क्र. १

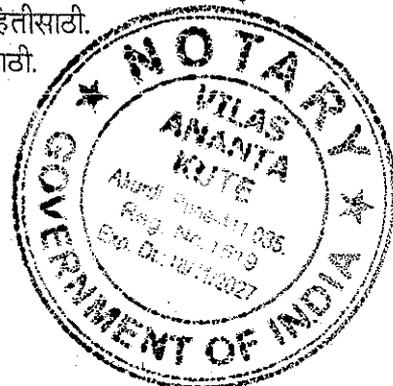
पुणे महानगर प्रदेश विकास प्राधिकरण,

पुणे

प्रत : १. मा.आयुक्त, पिंपरी चिंचवड महानगरपालिका, पुणे यांना माहितीसाठी.

२. प्रादेशिक अधिकारी, महाराष्ट्र प्रदुषण मंडळ यांना माहितीसाठी.

F:\D Drive\PMRDA\CE\Water\इंद्रायणी नदी सुधारणा\पत्र- टिपणी.docx



True translation of Marathi letter addressed to Chief Engineer Maharashtra Industrial Development Corporation, date: 05/06/2024



पुणे महानगर प्रदेश विकास प्राधिकरण, पुणे

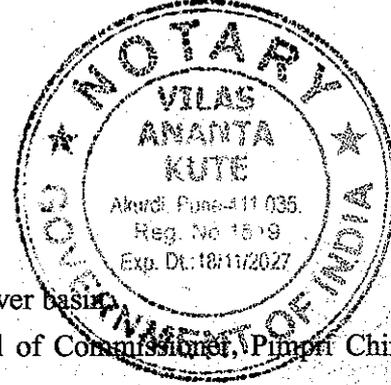
नवीन प्रशासकीय इमारत, आकुर्डी रेल्वे स्टेशन जवळ, पुणे - 411044
Pune Metropolitan Region Development Authority, Pune
New Administrative Building, Near Akurdi Railway Station, Pune-411044
Ph No. : 020-27659855 फोन नं. : 020- 27659855
Email: celpmrda@gmail.com



EG-०३/नसुप्र/१०.१७/प्र.क्र.८४/75/शाखा-१

date: 05/06/2024

To,
Chief Engineer
Maharashtra Industrial Development Corporation,
Pune.



Sub: Regarding industrial pollution in Indrayani river basin.
Ref: Meeting held on dtd. 22/05/2024 in the hall of Commissioner, Pimpri Chinchwad Municipal Corporation.

A committee consisting of representatives of four government agencies namely PMRDA, PCMC, MIDC and MPCB has been formed to control the pollution in the Indrayani river. According to this, Hon'ble Commissioner, Pimpri-Chinchwad Municipal Corporation is frequently reviewing the Indrayani river pollution. In this context Hon. Commissioner Pimpri Chinchwad Municipal Corporation held a meeting on 22/05/2024 regarding pollution control in Indrayani river flow. In the said meeting, a presentation was made regarding the project report prepared by the consultant appointed by MIDC for river pollution from the industrial estate. In this, you have taken a detailed review of the report of pollution in MIDC Area and also the measures for it.

In accordance with this, instructions have been given to take measures against polluted water in maximum industrial areas around Pimpri-Chinchwad Municipal Corporation for Indrayani river pollution. Under the Indrayani River Rejuvenation Project, a detailed project report of river pollution from the source to Tulapur (Excluding Pimpri Chinchwad Municipal Corporation limits) about 87 km stretch has been submitted to the NRCD of the Central Government by Pune Metropolitan Development Authority. The scrutiny of this project report is in progress at IIT Roorkee . During Water Sample testing at pollution points and across the river at some locations industrial activities are going on at these places due to which in this Indrayani adjacent village and the entire Indrayani river is being polluted. Also, in the Pune Metropolitan Region Development Authority Development Plan some part have been reserved as industrial areas in which industrial activities are also

underway in them. It is requested that this part may please be included in the study report prepared by you.

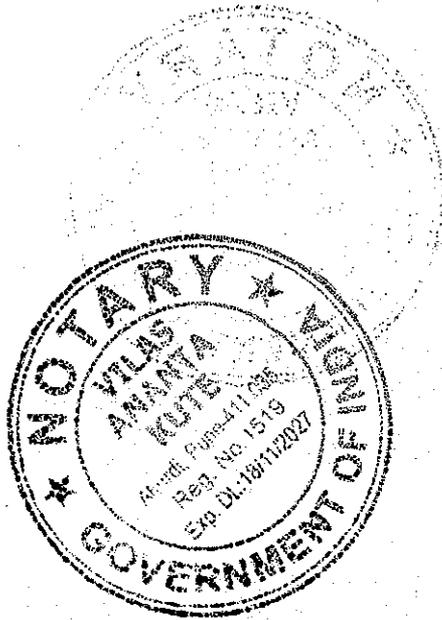
Accompanying: KML showing Industrial Zone near Indrayani.

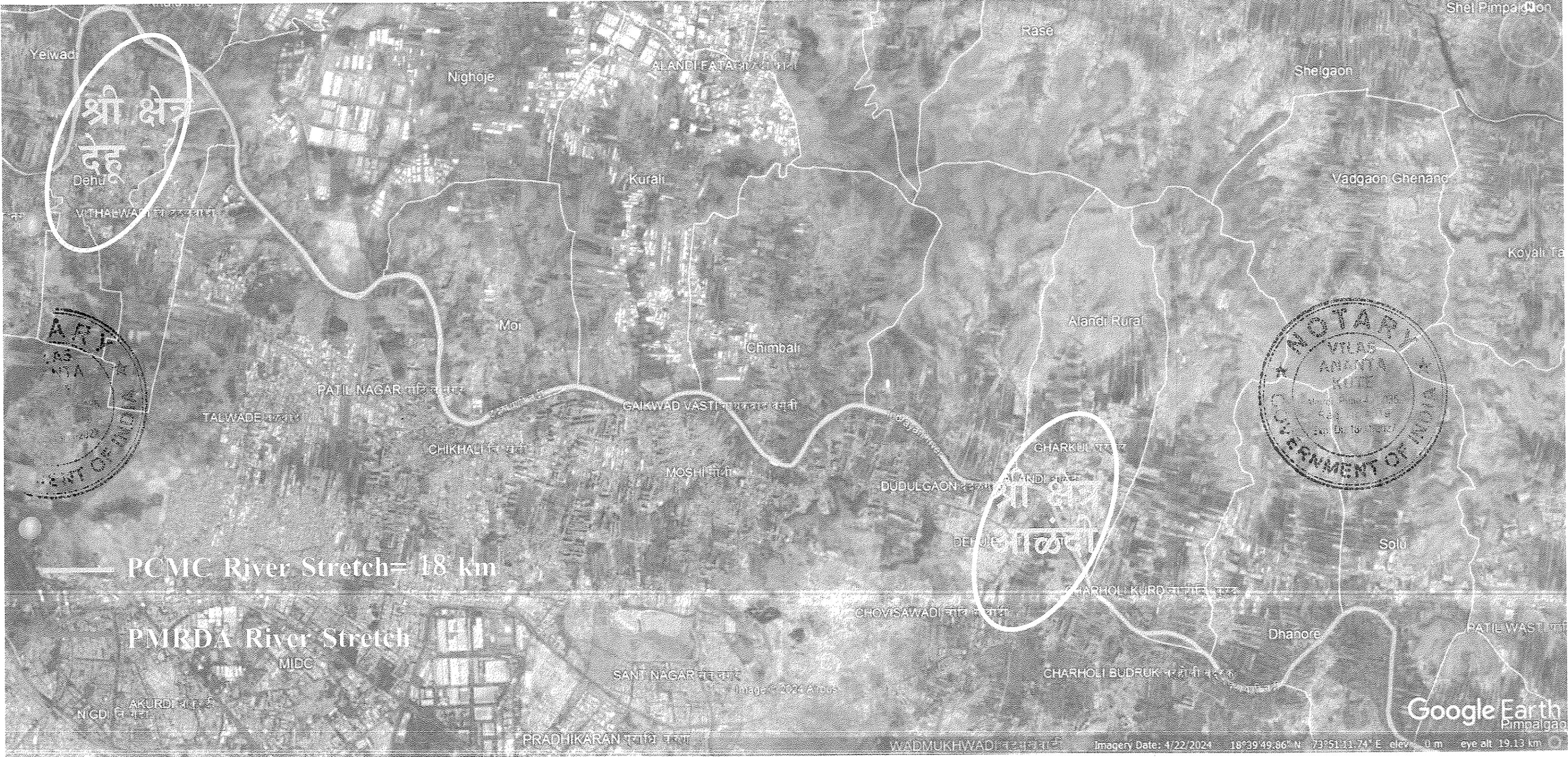
-sd-

Chief Engineer

Pune Metropolitan Region Development Authority

Pune.





श्री क्षेत्र देह

श्री क्षेत्र आळंदी

NOTARY
VILAS ANANTA
GOVERNMENT OF INDIA

PCMC River Stretch = 18 km

PMRDA River Stretch

Google Earth

Imagery Date: 4/22/2024 18°39'49.86° N 73°51'31.74° E elev: 0 m eye alt: 19.13 km