FACTUAL REPORT

BY

JOINT COMMITTEE

IN

ORIGINAL APPLICATION NO. 49/2021 (CZ)

Ujjwal Sharma &Ors.

V/S

State of Madhya Pradesh &Ors.

Date of Inspection – 19/08/2021

FACTUAL REPORT

Ref: Inspection of the joint committee as per the order of Hon'ble NGT dated 20/07/2021 in OA 49/2021 (CZ) of Ujjwal Sharma v/s State of Madhya Pradesh&Ors.

Hon'ble National Green Tribunal (CZ) vide its order dated 20/07/2021 inOA No. 49/2021 (CZ) Ujjwal Sharma v/s State of Madhya Pradesh & Ors., instructed as under:-

1. *The issue of the discharge of sewage water into the MotiaTalab, Bhopal causing immense water pollution and annihilating the ecology of the talab has been raised by the applicant in this application. It is submitted that a test was conducted by CES Analytical and Research Services (I) Pvt. Ltd., Bhopal [an accredited organization by National Accreditation Board for Testing and Calibration Laboratories (NABL)]. Test report reveals that the average COD (Chemical Oxygen Demand) level in waterbodies is 250mg/litre. However, the COD level in the water of MotiaTalab is 800% of the normal COD level of talab waters, and stands at an alarming 2000mg/litre. Further, the BOD level according to the test report is also unusually high, standing at 248mg/litre as opposed to 50mg/litre which is considered as normal level for waterbodies. Additionally, the test reports showed that the normal TSS of any water body should be 100mg/litre, however, for MotiaTalab it is 4899mg/liter. Due to these reasons, there is little oxygen left in the water for aquatic organisms. This results in giving rise to various aquatic diseases and consequent,decline in the aquatic life. The respondents have also failed to keep a check of MotiaTalab's aquatic life which is depreciating, and is a matter of urgent need of action.*

The respondents have, further, failed to control the release of solid waste in the waterbody, which is resulting into the current dreadful situation in MotiaTalab. This negligence on the part of the respondents is also resulting in affecting the quality of life of the people around the talab by spreading diseases.

6. *We deem it just and proper to call a report on the matter in issue in present application, from a Joint Committee consisting of:-*
    - *(i) Dr. Vinita Vipat, Chief Scientific Officer, EPCO, Bhopal (Retd.)*
    - *(ii) Dr. Jai Prakash Shukla, Sr. Principal Scientist, Council of Scientific and Industrial Research (CSIR), Advanced Materials and Processes Research Institute (AMPRI), Bhopal*
    - *(iii) Representative of Madhya Pradesh Pollution Control Board*
    - *(iv) Representative of Central Pollution Control Board (M.P.)*
7. *The Committee is directed to visit the place and submit the factual and action taken report within six weeks. The State PCB will be the nodal agency for coordination and logistic support.*

As per order dated 20/07/2021 of the Hon'ble NGT, following Committee members of the concerned departments visited the site on dated 19/08/2021:-

1. Dr. Vinita Vipat, Chief Scientific Officer, EPCO, Bhopal(Retd.)
2. Dr. Jai Prakash Shukla, Sr. Principal Scientist, Council of Scientific and Industrial Research (CSIR), AdvancedMaterials and Processes Research Institute (AMPRI), Bhopal
3. Dr.Anoop Chaturvedi, Scientist 'B' Regional Directorate, CPCB, Bhopal
4. Shri Brajesh Sharma, Regional Officer, MPPCB, Bhopal

Other officials present during the inspection were Shri Santosh Gupta, Superintending Engineer (Sewage), Bhopal Municipal Corporation (BMC), Bhopal, Shri Avinash Thakre, Sub Engineer, BMC, Shri Jainendra Chandel, Chemist, MPPCB, RO Bhopal, Shri Adarsh Malviya, Assistant Engineer (C),MPPCB, RO Bhopaland Shri ArjunParte, Sampler, MPPCB, RO Bhopal.

Petitioner Shri Ujjwal Sharma and Shri Deepak Kumar Kori were also present at the time of inspection. The facts observed during the site visit (dated 19/08/2021) of the Committee are as follows:-

1. GPS locations of the site are recorded using a mobile-based GPS application. The location of Motia talab and places around the talab visited by the committee are marked on the Google Map (**Annexure-1**) and photographs taken during the inspection are attached (**Annexure-2**).
2. Committee observed that theMotia talab is located in the north direction (23.265337°N, 77.392133°E) in the vicinity of Taj-Ul Masjid, Bhopal. On the west side of the talabopposite to the road an old structure Benazeer Palace and Masjid Al-Qadeem are located. A few temporary hutments for construction workers were also present in the Benazeer Ground.A historic structure (Taj Mahal Palace)is located in the northdirection.A slum area of approximate 25-30 hutments are found located just adjacent to the talab boundary in the North-West direction.

3. The periphery of Motia talabin the east, west and south side is provided with pucca RCC and stone-masonry structure. Especially, south side of the talab is well developed with steps and pucca pedestrian platform of approx. width 4 feet. A semi-circular shaped platform (of approx. 100 feet radius) has been developed. One old structure exists on the platform in the southern direction.Iron-railings along the pedestrian pathway and platform has also been provided. The development work of the Motia talab has been done by M. P. Tourism as per the signboard placed near the Talab.
4. Two roads are located just adjacent to the Talab in the east and west direction. Iron railings of approx. height 3 feet and a footpath of width 5-6 ft are provided along the length of the road. On east side plantation has also been provided.
5. One boat and Safai-Karmchari deputed at the talab site by the Bhopal Municipal Corporation were cleaning the area around the talab and were collecting the solid waste, garbage, etc.At the time of visit, no solid waste, garbage, floating waste material was observed in the vicinity of Motia talab.
6. Committee observed that an old tunnel like structure exists at the north-east corner of Taj-ul Masjid which joins the talab. It was observed that a storm-water drain of stone masonry exist to collect the surface run-off from the praying area (with the help of perforated-covered drains provided along its periphery), garden and open area of the masjid and drains into the talab through this tunnel. During heavy rainfall, back-flow from Motia talab

enters the tunnel. Fishes inside the tunnel were also observed. At the time of inspection, floating garbage material was observed in the tunnel.

7. Committee observed a thin water stream (D-1) emerging from inside of Masjid area joining the Motia talab at the entrance of Taj-ul Masjid from its side gate in the South-East corner of the talab which is surface run-off from the open area of the masjid, hence, it is considered as a storm-water drain.
8. Two nallahs carrying sewage namely SBI nallah (D-2) and Idgah Hills nallah (D-4) join Motia talab in the South-West and North-West direction of the talab.
9. One small drain (D-3) in the West direction carrying wastewater from Al-Qadeem Masjid also joins the talab.
10. The sewage and sullage from the slum settlement in the north-west corner of the talab is disposed of in the Motia talab directly.
11. One aerator (fountain) at the center of the talab has been installed by the BMC to facilitate the aeration of talab water. The sprinkler was found operational at the time of inspection.
12. Aquatic life (turtles, fishes, ducks, snakes) were observed during the inspection.

Water quality analysis

13. Water samples at different locations of the talab (L1, L2, L3, L4) and corresponding nallahs/drains (D1, D2, D3, D4, D5) meeting the Motia Talab

were collected and analyzed in Central Laboratory of MPPCB, Bhopal. The analysis reports are annexed in **Annexure –3**.

14. As per the standards of CPCB for "Designated best use criteria" for surface waters quality assessment (**Annexure – 4**), the water quality of Motia talab falls under "D" class of water which is fit for propagation of wildlife and fisheries.

15. A comparative statement of the water quality (WQ) data of Motia talab reported by petitioner and samples analyzed by MPPCB is as follows:-

S.No.	**Parameters**	**WQ analyzed by MPPCB (range)**		**WQ Data given by Petitioner**
		Talab	**Drain**	
1.	pH	7.78 - 8.2	7.34 - 8.16	6.43
2.	TS (mg/l)	326 - 376	364 - 670	5385
3.	TSS (mg/l)	16 - 20	16 - 248	4899
4.	DO (mg/l)	7.5 - 9.4	-	-
5.	BOD (mg/l)	1.6 - 7.6	0.8 – 20.4	248
6.	COD (mg/l)	19.6 - 29.4	19.6– 68.6	2000

16. Based on water quality data analyzed by MPPCB, Bhopal, it seems that the water quality data of Motia talab given by petitioner (in point no. 1 of the order dated 20/07/2021) in respect to COD, BOD and TSS levels of the talab are very high.

Hon'ble NGT cases in similar issues

17. Environmental Compensation for non-compliance of bio-remediation of drains and commencement of STPs in the matter of NGT 606/2018 (PB) has already been imposed on the Bhopal Municipal Corporation by the MPPCB

for drains carrying sewage falling into talabs / water bodies of Bhopal. Also, Environmental Compensation in the matter of NGT OA 07/2018 (CZ) has been imposed on BMC for discharge of sewage into Hasan Siddiqui Talab, in which the discharge from Motia talab into Hasan Siddiqui Talab has been considered.

Action Taken

18. As informed by Shri Santosh Gupta, S.E. (Sewage), BMC, in compliance to the orders issued in the above cases, sewerage network on the west and east side adjacent to the talab has been laid by the Bhopal Municipal Corporation. The drains falling into Motia Talab will be intercepted and diverted to Maholi Damkheda Sewage Treatment Plant with the help of Kolua Pump House. Laying of sewer line from north-west to north-east corner of the talab is under progress. Status of ongoing & proposed work for Motia talab has been submitted by Commissioner, BMC vide letter no. 199 dated 31/08/2021 (**Annexure – 5)**.

Recommendations:

1. BMC should ensure that the drains discharging wastewater into Motia talabshould be trapped and connected into the sewer linewithin given time-frame of one month.
2. Immediate action is needed to prevent the discharge of wastewater generated from existing slum area (north-west direction of the talab) by BMC. Relocation of these settlements may be considered.

3. Presently the source of water for Motia talab is rainwater, surface runoff from the catchment and the wastewater from the drains. Therefore, appropriate measures needs to be taken in order to maintain the minimum ecological quantity of water throughout the year and to avoid the eutrophic conditions.
4. One more aerator (fountain) may be installed at the south-west corner of the talab to increase the oxygen levels especially during summer season.
5. In the north side of the talab pucca boundary and platform for walking should be made.
6. Regular maintenance and cleaning of the talab and its surrounding should be ensured by BMC.
7. Placards/signages should be installed at prominent locations around the talab suggesting the protection and cleanliness of the talab water for public awareness.

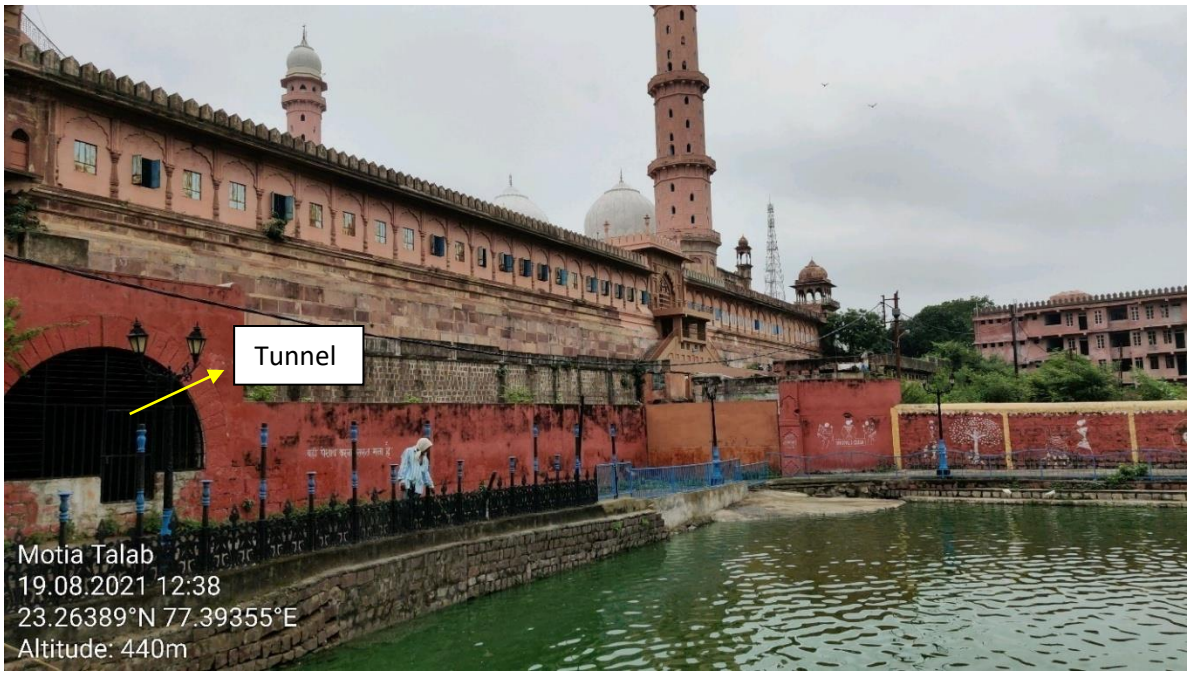
(Brajesh Sharma)	**(Anoop Chaturvedi)**	**(Dr. Jai Prakash Shukla)**	**(Dr. Vinita Vipat)**
Regional Officer	**Scientist B**	**Sr. Principal Scientist**	**Chief Scientific Officer (Retd.)**
MPPCB Bhopal	**CPCB Bhopal**	**CSIR, AMPRI, Bhopal**	**EPCO Bhopal**

Annexure – 01

Water sampling locations during the inspection

Annexure – 02

Photographs of the inspection



View of Taj-Ul Masjid, tunnel and Motia talab from Taj-Ul Masjid Road

Joint Committee Members at Motia talab

Joint committee members with officials of BMC

Water sampling at L-1 location, South-East corner of the talab

Joint committee during discussion with BMC officials

Water sampling with the help of boat of BMC

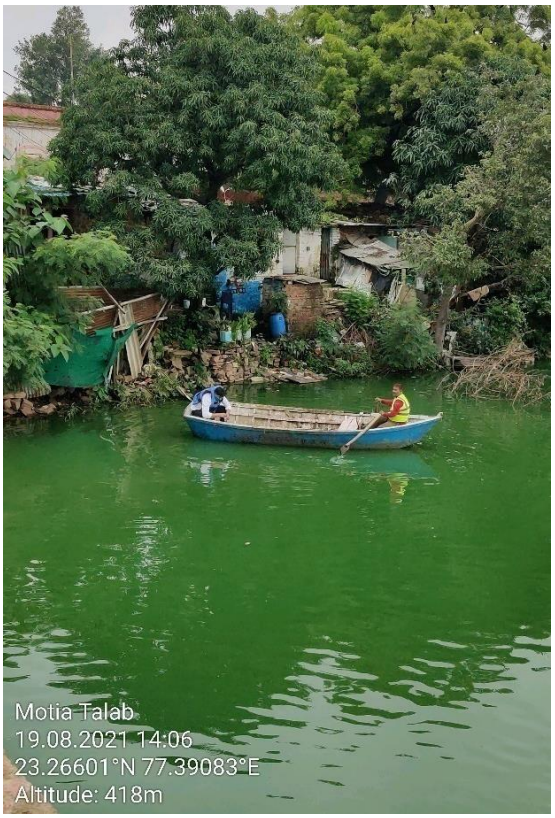
Joint Committee during discussion with Petitioner and officials of BMC

Inspection team with Petitioner

Water sampling of the talab with the help of BMC boat

Water sampling at the center of the talab with the help of BMC boat

Inspecting team at D-2 location, South-West corner of the talab



Water sampling from D-4 and D-5 location, North-West corner of the talab

Thin water stream (D-1) joining the Motiatalab

Historic Benazeer Palace

Signboard of M P Tourism and Nagar Nigam at talab side.

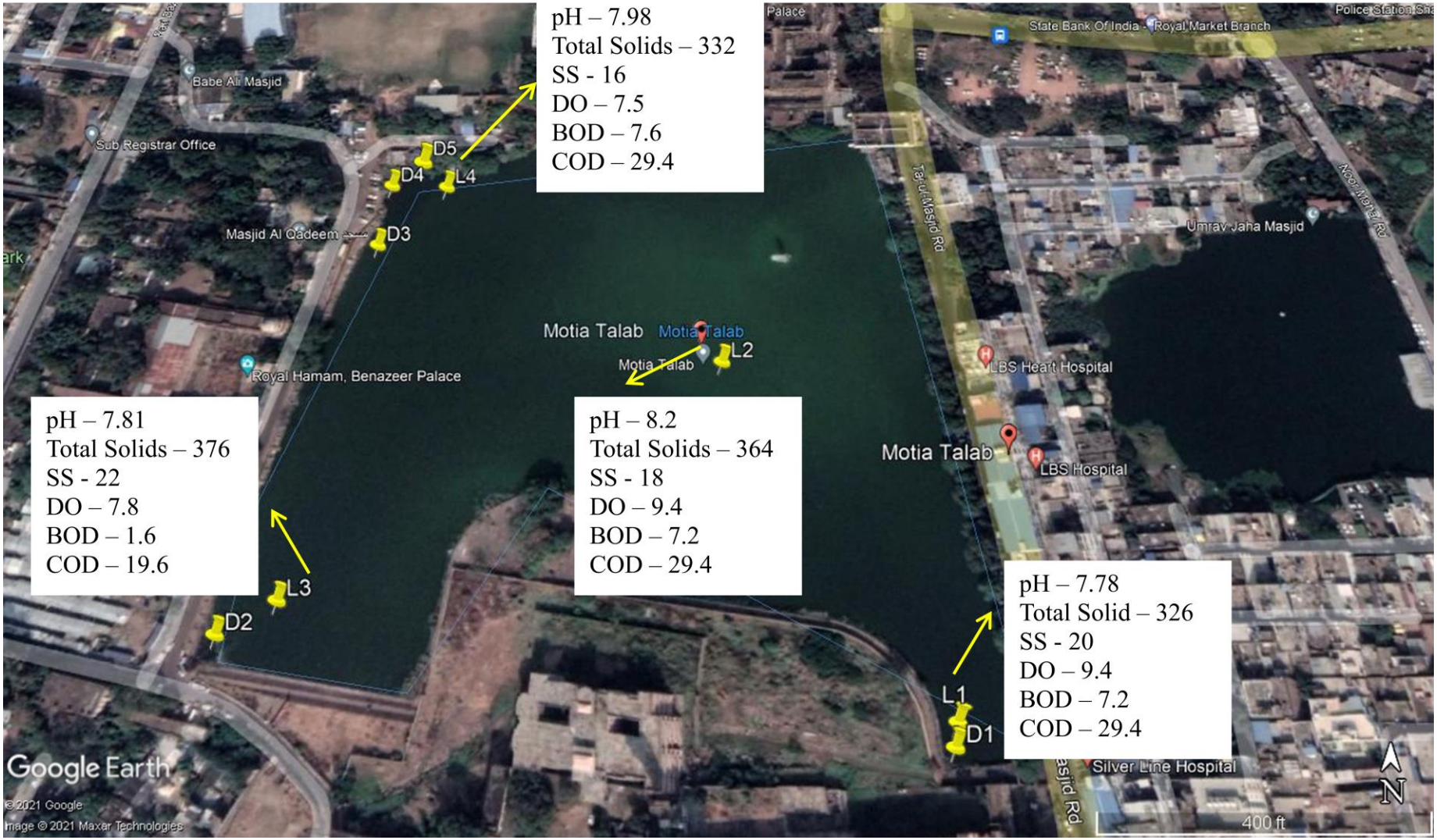
Water sampling at D-3 location, wastewater from Al-Qadeem Masjid

Storm-water drain which collects surface run-off from all the areas of Taj-ul Masjid

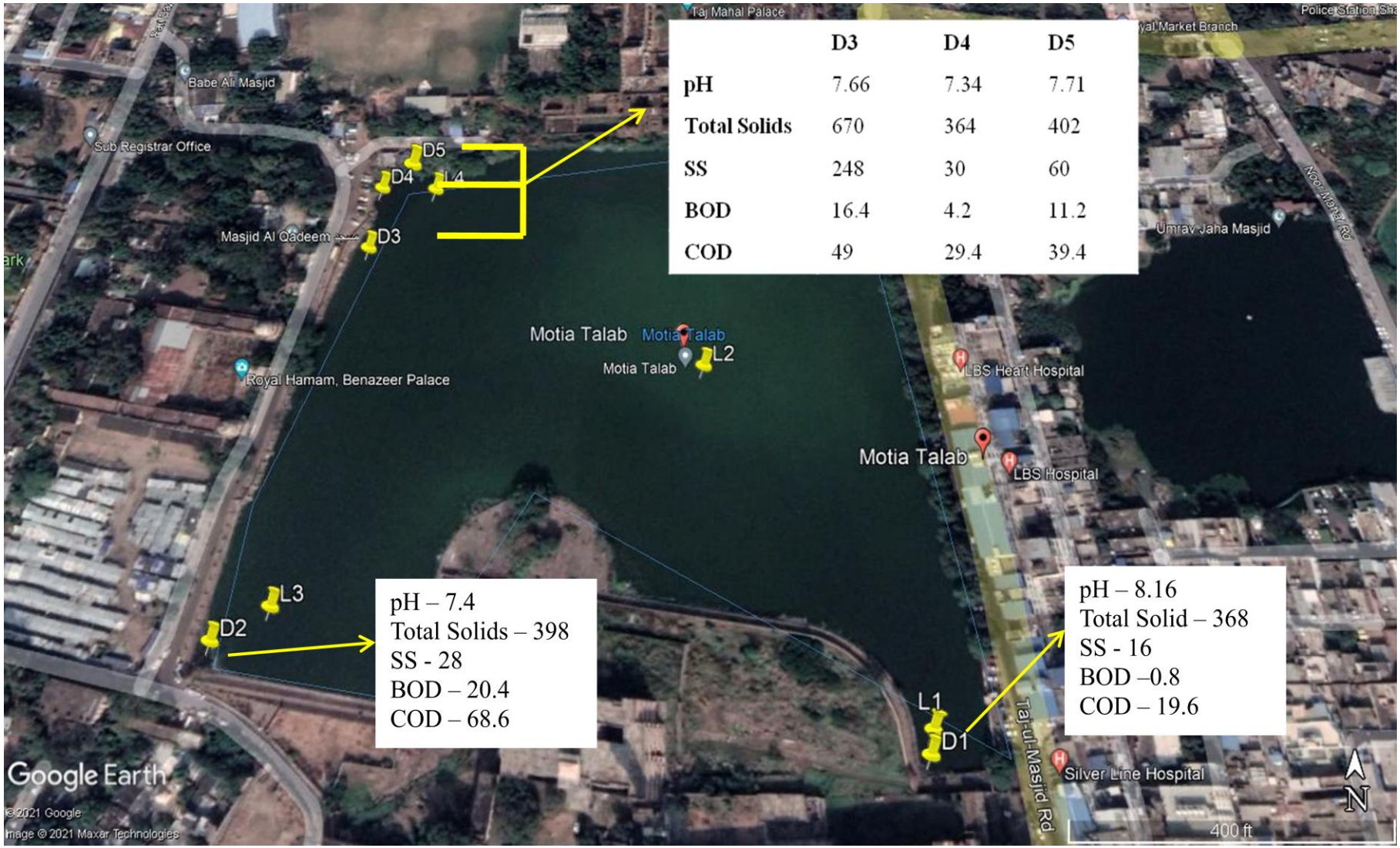
Perforated – covered drains to collect surface run-off from praying area of the Masjid

Annexure – 3

Talab Water quality at different sampling locations of MotiaTalab(all units in mg/l except pH)



Water quality of drains joining into MotiaTalab (all units in mg/l except pH)



	D3	D4	D5
pH	7.66	7.34	7.71
Total Solids	670	364	402
SS	248	30	60
BOD	16.4	4.2	11.2
COD	49	29.4	39.4

pH – 7.4
Total Solids – 398
SS - 28
BOD – 20.4
COD – 68.6

pH – 8.16
Total Solid – 368
SS - 16
BOD –0.8
COD – 19.6

Central Laboratory
M.P. Pollution Control Board, Bhopal [M.P.]

E/5, Arera Colony, Paryawaran Parisar, Bhopal – 462016
Ph. NO. 0755-2466191, email: cl_mppcb@rediffmail.com

Test Report

Issue Date 01/09/2021

Report No- 107/1-5
Sample from: Regional Office, M.P. Pollution Control Board, Bhopal
Sample Description:
1. Water Sample of Motia Talab at South East Corner of the Lake D/s of D1.
2. Water Sample at Center of Motia Talab.
3. Water Sample of South –West Corner of Motia Talab D/s of D2.
4. Water Sample of Motia Talab at North-West Corner Near Slum.
5. Drain Water Sample of South- East Corner of Motia Talab opposite Sanjeevani Hospital Near Tajul Masjid Side gate.

Sample Container: Polyethylene & Glass Bottle
Sample Volume: 4x2 ltr, 10x1 ltr.& 4x300ml.
Sampling by GE/Customer: Customer (Regional Office, M.P. Pollution Control Board, Bhopal)
Sampling date: 19/08/2021
Received on: 19/08/2021
Date of Analysis: 19/08/2021
Sampling Method/Plan: ~~*APHA 23rd Edition, 2017 Method 1060*~~
Environmental Condition: Cloudy
Preservation status: Preserved as per Protocol

Visual Observations	1.	2.	3.	4.	5.
1 Color	Light Greenish	Light Greenish	Light Greenish	Light Greenish	Colorless
2 Appearance	Slightly Turbid	Slightly Turbid	Slightly Turbid	Slightly Turbid	Slightly Turbid
3 Odour	Fishy smell	Fishy smell	Fishy smell	Fishy smell	Fishy smell

S.N.	Analyte Tested	Unit	Method No:- APHA,23rd Edition, 2017	Result 1	Result 2	Result 3	Result 4	Result 5
1.	pH	pH Unit	4500 pH+ B	7.78	8.20	7.81	7.98	8.16
2.	Conductivity	µmhos/cm	2510 B	485.0	514.6	529.9	523.2	-
3.	Turbidity	NTU	2130-B	23.5	25.6	28.7	31.7	-
4.	Total Solid	mg/l	2540-B	326	364	376	332	368
5.	Total Dissolved Solid	mg/l	2540-C	306	346	354	316	352
6.	Suspended Solid	mg/l	2540 – D	20	18	22	16	16
7.	Chloride	mg/l	4500-Cl B	44.98	41.98	40.98	40.98	58.98
8.	Dissolved Oxygen	mg/l	2540-C	9.4	8.7	7.8	7.5	-
9.	COD	mg/l	5220B	29.4	29.4	19.6	29.4	19.6
10.	Total Alkalinity	mg/l	2320 B	76	90	90	90	-
11.	P. Alkalinity	mg/l	2320 B	NIL	NIL	NIL	NIL	-
12.	Total Hardness	mg/l	2340 C	168	166	164	160	-
13.	Calcium Hardness	mg/l	3500 Ca B	100	100	116	116	-
14.	Magnesium Hardness	mg/l	2340 B	68	66	48	44	-
15	Ammonical Nitrogen	mg/l	4500-NH_3	BDL	BDL	BDL	BDL	-
16.	Nitrite	mg/l	4500-NO_2 B	2.98	2.08	0.19	1.82	-
17.	Nitrate	mg/l	4500-NO_3 B	8.24	9.46	12.10	10.02	-
18.	Sulphate	mg/l	4500 - SO_4^{-2} E	30.42	39.02	34.4	36.0	-
19.	Flouride	mg/l	4500 - FD	BDL	BDL	BDL	BDL	-
20.	Sodium	mg/l	3500 Na B	4.93	5.09	5.15	5.21	-
21	Potassium	mg/l	3500 K B	0.95	0.97	0.98	0.98	-
22.	BOD	mg/l	IS 3025 [Part 44] 1993[First Revision]	7.2	8.4	1.6	7.0	0.8

Remark: 1. No statutory liability accepted for samples not collected by M.P.P.C.B.
2. The results relate only to the items tested.
3. The report shall not be reproduced except in full without permission in writing of Central Laboratory, MP Pollution Control Board, Bhopal
4. Any other: BDL- Below Detection Limit.

(Dr. Alok Saxena)
Authorized Signatory
Chief Chemist
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Test Report

Issue Date 01/09/2021

Report No- 107/6-9
Sample from: Regional Office, M.P. Pollution Control Board, Bhopal
Sample Description: 6. Drain Water Sample at South - West Corner of Motia lake.
7. Drain Water Sample at North-West Direction of Motia Talab opposite Masjid Alqudeem.
8. Drain Water Sample at North West Corner of Motia Talab.
9. Water Sample at North West Corner of Motia Talab Near Slum Area.

Sample Container: Polyethylene & Glass Bottle
Sample Volume: 8x1 ltr.1x300ml.
Sampling by GL/Customer: Customer (Regional Office, M.P. Pollution Control Board, Bhopal)
Sampling date: 19/08/2021
Received on: 19/08/2021
Date of Analysis: 19/08/2021
Sampling Method/Plan: ~~APHA 23rd Edition, 2017 Method 1060~~
Environmental Condition: Cloudy
Preservation status: Preserved as per Protocol

Visual Observations

		6.	7.	8.	9.
1	Color	Colorless	Light Greenish	Colorless	Light Greenish
2	Appearance	Turbid	Slightly Turbid	Slightly Turbid	Slightly Turbid
3	Odour	Fishy smell	Fishy smell	Fishy smell	Fishy smell

S.N.	Analyte Tested	Unit	Method No:- APHA 23rd Edition, 2017	Result 6	Result 7	Result 8	Result 9
1.	pH	pH Unit	4500 pH+ B	7.40	7.66	7.34	7.71
2.	Conductivity	µmhos/cm	2510 B	-	-	-	543.0
3.	Turbidity	NTU	2130-B	-	-	-	36.4
4.	Total Solid	mg/l	2540-B	398	670	364	402
5.	Total Dissolved Solid	mg/l	2540-C	370	422	334	342
6.	Suspended Solid	mg/l	2540 – D	28	248	30	60
7.	Chloride	mg/l	4500-Cl B	50.98	82.97	46.98	40.98
8.	Dissolved Oxygen	mg/l	2540-C	-	-	-	6.0
9.	COD	mg/l	5220B	68.60	49	29.4	39.4
10.	Total Alkalinity	mg/l	2320 B	-	-	-	100
11.	P. Alkalisity	mg/l	2320 B	-	-	-	NIL
12.	Total Hardness	mg/l	2340 C	-	-	-	180
13.	Calcium Hardness	mg/l	3500 Ca B	-	-	-	124
14.	Magnesium Hardness	mg/l	2340 B	-	-	-	56
15.	Ammonical Nitrogen	mg/l	4500-NH_3 F	-	-	-	BDL
16.	Nitrite	mg/l	4500-NO_2 B	-	-	-	1.74
17.	Nitrate	mg/l	4500-NO_3 B	-	-	-	10.70
18.	Sulphate	mg/l	4500 - SO_4^{-2} E	-	-	-	43.02
19.	Flouride	mg/l	4500 - FD	-	-	-	BDL
20.	Sodium	mg/l	3500 Na B	-	-	-	5.19
21.	Potassium	mg/l	3500 K B	-	-	-	0.96
22.	BOD	mg/l	IS 3025 [Part 44] 1993 [First Revision]	20.4	16.4	4.2	11.2

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2. The results relate only to the items tested
3. The report shall not be reproduced except in full without permission of Incharge Central Laboratory, MP, Pollution Control Board, Bhopal
4. Any other: BDL- Below Detection Limit.

(Dr. Alok Saxena)
Authorized Signatory
Chief Chemist
Central Laboratory MPPCB Bhopal

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M.P. Pollution Control Board, Bhopal [M.P.]

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Test Report

Report No- 107/1-4, 9 Issue Date 01/09/2021

Sample from: Regional Office, M.P. Pollution Control Board, Bhopal

Sample Description: 1. Water Sample of Motia Talab at South East Corner of the Lake D/s of D1.
2. Water Sample at Center of Motia Talab.
3. Water Sample of South –West Corner of Motia Talab D/s of D3 .
4. Water Sample of Motia Talab at North-West Corner Near Slum.
9. Water Sample at North West Corner of Motia Talab Near Slum Area

Sample Container: Polyethylene & Glass Bottle

Sample Volume:

Sampling by ~~Cl~~/Customer: Customer (Regional Office, M.P. Pollution Control Board, Bhopal)

Sampling date: 19/08/2021

Received on: 19/08/2021

Date of Analysis: 19/08/2021

Sampling Method/Plan: ~~*APHA, 23rd Edition, 2017 Method 1060*~~

Environmental Conditio: Cloudy

Preservation status: Preserved as per protocol

Visual Observations		1.	2.	3	4.	9
1	Color	Colorless	Colorless	Colorless	Colorless	Colorless
2	Appearance	Slightly Turbid	Slightly Turbid	Slightly Turbid	Slightly Turbid	Slightly Turbid
3	Odour	Fishy smell	Fishy smell	Fishy smell	Fishy smell	Fishy smell

S. N.	Analyte Tested	Unit	Method No. :- APHA, 23rd Edition, 2017	Result 1	Result 2	Result 3	Result 4	Result 9
1.	Appearance	-	-	Slightly Turbid	Slightly Turbid	Slightly Turbid	Slightly Turbid	Slightly Turbid
2.	Color	(Hazens)	2120-B	50	50	50	50	40
3.	Odour	Threshold no	2150 B	Fishy smell	Fishy smell	Fishy smell	Fishy smell	Fishy smell
4.	Calcium	mg/l	3500Ca B	40.04	40.04	46.45	46.31	45.03
5.	Magnesium	mg/l	3340 B	16.51	16.02	11.65	10.61	13.59
6.	Fixed Dissolved Solid	mg/l	2540 E	#	#	#	#	#
7.	Total Kjeldhal Nitrogen	mg/l	4500-N_{org}B	*	*	*	*	*
8.	Phosphate	mg/l	4500-PD	0.88	0.88	0.87	0.90	0.92
9.	SAR	-	-	0.164	0.171	0.182	0.178	-
10.	Boron	mg/l	4500-B B	BDL	BDL	BDL	BDL	BDL
11.	Total Coliform	MPN/100ml	9221-B	>1600	>1600	>1600	>1600	-
12.	Fecal Coliform	MPN/100ml	9221-E	920	280	540	920	-
13.	Fecal Streptococci	MPN/100ml	9230-B	<1.8	<1.8	<1.8	<1.8	-

Remark: 1. No statutory liability accepted for samples not collected by M.P.P.C.B.
2. The results relate only to the items tested
3. The report shall not be reproduced except in full without permission of Incharge Central Laboratory, MP. Pollution Control Board, Bhopal
4. Any other: BDL- Below detection limit. #- Instrument out of order *- Instrument not in working Condition.

(Dr. Alok Saxena)
Authorized Signatory
Chief Chemist
Central Laboratory MPPCB Bhopal

End – of – Report

Annexure – 4

Designated best uses of water as identified by CPCB

Designated Best Uses of Water

Designated Best Use	Class	Criteria
Drinking Water Source without conventional treatment but after disinfection	A	1.Total Coliforms Organism MPN/100ml shall be 50 or less 2. pH between 6.5 and 8.5 3. Dissolved Oxygen 6mg/l or more 4. Biochemical Oxygen Demand 5 days 20 °C, 2mg/l or less
Outdoor bathing (Organised)	B	1.Total Coliforms Organism MPN/100ml shall be 500 or less 2. pH between 6.5 and 8.5 3. Dissolved Oxygen 5mg/l or more 4. Biochemical Oxygen Demand 5 days 20 °C, 3mg/l or less
Drinking water source after conventional treatment and disinfection	C	1. Total Coliforms Organism MPN/100ml shall be 5000 or less 2. pH between 6 and 9 3. Dissolved Oxygen 4mg/l or more 4. Biochemical Oxygen Demand 5 days 20 °C, 3mg/l or less
Propagation of Wild life and Fisheries	D	1. pH between 6.5 and 8.5 2. Dissolved Oxygen 4mg/l or more 3. Free Ammonia (as N) 4. Biochemical Oxygen Demand 5 days 20 °C, 2mg/l or less
Irrigation, Industrial Cooling, Controlled Waste disposal	E	1. pH between 6.0 and 8.5 2. Electrical Conductivity at 25 °C micro mhos/cm, maximum 2250 3. Sodium absorption Ratio Max. 26 4. Boron Max. 2mg/l
	Below-E	Not meeting any of the A, B, C, D & E criteria

Source: CPCB

Annexure -5

कार्यालय नगर पालिक निगम भोपाल
(आयुक्त कक्ष)

क.199../आ.क./न.नि.भो./2021 भोपाल दिनांक 31/8/2021

प्रति,
क्षेत्रीय अधिकारी
क्षेत्रीय कार्यालय
मध्य प्रदेश प्रदूषण नियंत्रण बोर्ड
पर्यावरण परिसर, ई-5 अरेरा कॉलोनी, भोपाल

विषयः–माननीय राष्ट्रीय हरित अधिकरण, भोपाल बेंच के ओ.ए. 49/2021 (उज्ज्वल शर्मा व मध्यप्रदेश शासन व अन्य) द्वारा दिनांक 20.07.2021 को पारित आदेश के अनुपालन बाबत्।

संदर्भः आपका पत्र क0 3029/क्षेका/प्रनिभो/2021 भोपाल दिनांक 19.08.2021

—00—

उपरोक्त विषयांतर्गत संदर्भित पत्र के द्वारा मोतिया तालाब में नालों के माध्यम से मिलने वाले सीवेज की रोकथाम हेतु नगर निगम द्वारा कार्ययोजना तैयार कर स्थल पर सीवेज पाईप लाइन डाले जाने का कार्य प्रगति पर कराया जा रहा है। उक्त कार्य एक माह में संभावित रूप से पूर्ण कर लिया जायेगा, इस सीवेज लाईन से सीवेज, कोलुआ पम्प हाउस के माध्यम से माहोली दामटेजा सीवेज ट्रीटमेन्ट प्लांट पर जाएगा। कार्ययोजना में संलग्न मानचित्र अनुसार बिछायी जाने वाली सीवेज पाईप लाईन का विवरण निम्नानुसार है–

- मानचित्र में दर्शित तीन नालों को ट्रेप करना है।
- मानचित्र में दर्शित–
  1. A से B सीवेज पाईप लाईन, 200 एम.एम डाया 631 मी. लाईन डाली जा चुकी है।
  2. C से D सीवेज पाईप लाईन, 400 एम.एम डाया 292 मी. लाईन डाली जा चुकी है।
  3. D से E सीवेज पाईप लाईन, 600 एम.एम डाया 278 मी. में से लगभग 100 मी. लाईन डाली जाना शेष है, कार्य प्रगति पर है।

बी.एस.चौधरी कोलसानी
(आई.ए.एस)
आयुक्त
नगर निगम भोपाल

पृ.क...../आ.क./न.नि.भो./2021 भोपाल दिनांक

प्रतिलिपि :–
1. अपर आयुक्त (सीवेज) नगर निगम भोपाल की ओर सूचनार्थ।
2. अधीक्षण यंत्री (सीवेज) नगर निगम भोपाल की ओर सूचनार्थ।

आयुक्त
नगर निगम भोपाल

Point A to Point B : 200 mm Dia (631 Meter Length)
Point C to Point D : 400 mm Dia (292 Meter Length)
Point D to Point E : 600 mm Dia (278 Meter Length)

Total 3 Sewage Insertion Points will be trapped from going into Motia Lake.
The work is in progress and will be completed as soon as possible.