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(वैज्ञानिक तथा औद्योगिक अनुसंधान विभाग, विज्ञान एवं प्रौद्योगिकी मंत्रालय, भारत सरकार के अंतर्गत स्वायत्त संगठन)
 (Autonomous Organization under the Dept. of Scientific and Industrial Research, Ministry of Science & Technology, Govt. of India)

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 Dr. Shaik Basha
 Scientist & Head

HZC/Bengaluru-Lakes/2019/1073
 November 4, 2019

To,
 The Commissioner
 Bruhat Bengaluru Mahanagara Palike
 BBMP Main Office
 N R Square
 Bengaluru-560002.

Sub: Study of Bengaluru lakes as per directives of Honorable High Court W.P.No.
 38401/2014 C/w. W.P. No. 11044/2018 dated 18.06.2019 – reg.

Ref: Letter no. Comm/BBMP/Lakes/PR/PSR(G)/1743/19-20 dated 26th July 2019

Dear Sir,

With reference to E-mail dated November 2, 2019 from CE (Lakes), BBMP and subsequent telephonic discussion, please find enclosed herewith interim report on 19 disused lakes of BBMP.

Submitted for kind approval.

Yours faithfully,

Encl: As above

Basha
 (S BASHA)

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*Recd in Court
 on 8/11/2019*

Interim Report on the 19 disused lakes

As per the Honourable High Court Order dated 21/10/2019 for WP 38401/2014, CSIR-NEERI team had inspected all 19 disused lakes as a part of assessing the pollution status of lakes of Bengaluru city. The details of the lakes along with the area and encroachment is being given in Table 1.

Out of 19 lakes, both Anche Ramana Kere in Gangondana Halli (West Zone) and Belakahalli lake in Bommanahalli Zone were almost completely encroached and only 14 and 36 Guntas land is available, respectively. The available land in these two lakes may be developed as flowered tree parks. Arehalli 2 and 3 (small tanks) with 7 acres area is encroached by BDA layout for almost 6 acres and only 1 acre land is remain. Bovimaranahalli lake in Raja Rajeshwari Nagar zone with total area of 22 acres is encroached by private layouts and temples (13 acres). Similarly, Byatagunte Playa with 4 acres is encroached by private layout (3 acres). Doresani Palya in Bommanahalli zone with an area of 6 acres is completely occupied by BDA layout.

Chikkalasangra lakes in Bommanahalli zone with an area of 12 acres is encroached by private layout and bus stand (6 acres). Geldanhalli lake in east zone with an area of 21 acres is completely encroached by BDA layout. Gundopanth lake in Raja Rajeswari Nagar Zone with 2 acres area is occupied by private building in 1 acre. Ittmadu lake with an area of 10 acres is encroached by private buildings and temple (6 acres). Kamakshi Palya with an area of 6 acres is encroached by slum board in about 3 acres and the slums may be removed so that the entire area can be developed as water body. The entire 2 acres area of Karisandra lake is encroached by electrical crematorium and a BMTTC bus stop was also constructed. A private institution with an area of 13 acres has been constructed in 20 acres area of Koena Agrahara lake. Similarly, KSPCB office, play ground and private layout with an area of 8 acres encroached the Sanigoruvahalli lake with total area of 15 acres.

Nandi Shetappa lake in South Bangalore has been totally encroached by a private institution. Shivanahalli Lake (Agrahara Dasarahalli) lake in the West zone has a total area of 8 acres and 33 guntas and the total area is encroached by chotary (7.5

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guntas), gyarege (10.5 guntas), private houses (4.5 guntas), road (39 guntas), BBMP office (10 guntas), Ambedkar stadium (7 acres, 33.5 guntas). Thavarekere lake in the Bangalore South has a total area of 10 acres and 16 guntas out of which an area of 9 acres and 15 guntas is being used as park and remaining available area is 1 acre and 1 gunta. The lake samples (2 nos) were taken during our site visit and it has been observed that the pH was around 7.2-7.6 and TDS was in the range of 89.3 – 115 mg/l, TSS in the range of 14-44 mg/l and DO in the range of 6-6.8 mg/l. It is to infer that water quality is satisfactory and the remaining area can be properly developed and necessary measures can be taken up to preserve the lake characteristics. Vijnapura lake (total area 29 acres 15 guntas) is totally encroached by private building, temple, schools etc.

Summary

As a preliminary report, it is to infer that only two lakes have water from seasonal rains viz., Arehalli and Thavarakere. The water in these lakes can be sustained by adopting developmental activities and rain water is the main source of water for the two lakes. For the other lakes, a detailed suggestions/recommendation will be given in draft report to be submitted to BBMP.

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Chikkalsandra Lake	Chikkalasangra-76	12.00	26.00	6.00	27.50	5.00
Doresani palya	Belakahalli-167	56.00	37.00	56.00	37.00	0.00
Geddalahalli	Geddalahalli-03	21.00	18.00	21.00	18.00	0.00
Gundopanth lake	Pantarapalya-59	2	17	1.00	5.00	1.00
Ittmadu	Ittamadu-17, Chikkalasangra-83	10.00	23.00	6.00	3.00	4.00
Kamakshi palya	Sanegoruvanahalli-60	6.00	35.00	3.00	30.00	3.00