



ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿ
Karnataka State Pollution Control Board

“ಪರಿಸರ ಭವನ”, 1 ರಿಂದ 5ನೇ ಮಹಡಿಗಳು, ನಂ. 49, ಚರ್ಚ್ ಸ್ಟ್ರೀಟ್, ಬೆಂಗಳೂರು - 560 001, ಕರ್ನಾಟಕ ರಾಜ್ಯ, ಭಾರತ
“Parisara Bhavan”, 1st to 5th Floor, # 49, Church Street, Bangalore - 560 001, Karnataka State, India

No. PCB/744/COC/2020-21/1281

Date : 22 JUL 2020

CIRCULAR

Sub: Collection of Water and Emission Samples under the Provisions of the Water(Prevention & Control of Pollution) Act 1974 and the Air(Prevention & Control of Pollution) Act, 1981- reg.

- Ref.: 1. Board Circular No. PCB/CCB/Admn/2018-19/1519 dated 29.11.2018
2. Board Circular No. PCB/CCB/Admn/2018-19/1520 dated 29.11.2018
3. Board Office Memorandum No: PCB/744.COC/2013- 3468, Dated: 11.09.2019.
4. Circular No: 1463 Dated: 18.11.2019.
5. Zonal Office, SEO Mysore letter dated 25.06.2020.

---*---

As per the Water (Prevention & Control of Pollution) Act, 1974 and the Air (Prevention & Control of Pollution) Act, 1981, the primary objective of the Board is to monitor the Water and Air quality, as per the procedure laid down in the Act. Board has issued Circulars cited under ref (1) & (2) for collection of treated sewage/treated trade effluent and air emission as per the Provisions of Section 21 (3), (4) & (5) of the Water (Prevention & Control of Pollution) Act, 1974 and U/s 26 (3) & (4) of the Air (Prevention & Control of Pollution) Act, 1981.

During the Regional Offices meeting (29.04.2019), the Regional Officers have expressed difficulty in collecting the legal sample, following the procedure, due to inadequate staff and have requested for simplification of the Board circular Dated: 29.11.2018. An office memorandum dated 11.9.2019 was issued informing that, the Regional Officers shall collect samples of water/waste water/sewage/trade effluent and emission from stack, as per the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and the Air (Prevention & Control of Pollution) Act, 1981, wherever non- compliances are observed during inspections by following the due procedure. It was also informed that, the Regional Officers shall collect routine samples of waste water/sewage/trade effluent and air emissions from stacks, for evaluation of the performance efficiency of ETP/STP/AP control system during the inspection.

However, it is observed that, the Regional Officers are not collecting routine samples of effluent /emission during every inspection resulting in weak monitoring. During various meetings, the Regional Officers have expressed that, detailed protocol of Legal samples is consuming more

time, making it impractical to collect legal samples during all their visits. This has resulted in drastic reduction of number of sample collection compromises monitoring.

The existing sample collection procedure/monitoring procedure followed in the Board are as under;

Sl no	Nature of sample	Type of sampling		Remarks
		Legal	Routine	
1	River water	-----	Always	Report sent to Central Pollution Control Board and they are accepting
2	Lake water	Rare cases	Always other than rare case	Report sent to Central Pollution Control Board and they are accepting
3	Industrial	Few cases	Most of the cases	
4	Ambient air quality monitoring	Rare cases (few industries)	Always other than rare case	Some of the Report are being sent to Central Pollution Control Board and they are accepting
5	Stack emissions from the industries	Few cases	Most of the cases	

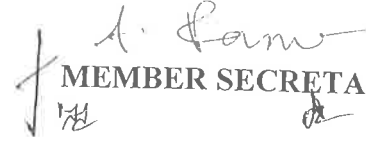
Further, the Zonal Office, SEO, Mysore has submitted letter cited at ref (5), stating that, collection of legal samples following the due procedure is taking more time. It is also due to lack of manpower and it is difficult to collect samples depending upon the frequency of inspection fixed by the Central Pollution Control Board. He has requested to issue instructions to permit the Regional Offices to collect ordinary effluent and emission samples from industries/residential apartments/commercial complexes and other organization, complying with the consent conditions and to collect effluent and emission samples, by following the procedure laid down under the Act, when there is Non-compliance by the Organizations with consent conditions /chronic violators.

Considering all the above issues and aspects, there is a necessity to strengthen the monitoring by collecting more number of routine samples during inspection. Hence, all the Regional Officers are directed to collect routine samples following the technical procedure, during the inspection/other occasions.

However collection of samples by following the procedure laid down under the Water & the Air Act, when ever violations are observed is an ideal situation for enforcement. Hence all the Regional Officers are directed to collect sample as per the provisions of the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, under the following circumstances; **“Whenever there is by pass of effluent/accidental/illegal discharges of effluents; prolonged non-operation of Effluent Treatment Plant/Air Pollution Control equipments; when ever Routine sample results indicates that the effluent/emissions is not meeting the standards; when there is a Complaint against the industry/organization on pollution; if the unit is a Chronic violator and there are Noticeable excidencies in Continuous online monitoring system results; Sample as per Act shall be collected, in case**

of 17 categories and Large Red category industry (as per the inspection frequency/Protocol given by CPCB in the direction issued during 12.12.2019) and whenever there are directions from Hon'ble Courts & NGT and from the Board Office”.

This Circular supersedes all the earlier circulars/ Office memorandum issued in this regard.


MEMBER SECRETARY

To,

1. The Chief Environmental Officers – 1, 2 & 3
2. SEO (Waste Management), SEO (17 Category), SEO (Infrastructure), SEO(Mines, Steel & Stone Crushers), SEO (Non-EIA, Enforcement, Awareness, Inspection & Monitoring).
3. SEO (Bengaluru City), SEO (Bengaluru East), SEO (Bengaluru South), SEO (Bengaluru North), SEO (Mysuru), SEO (Mangaluru), SEO (Dharwad), SEO (Ballari) and SEO (Chitradurga).
4. All Regional Officers, Regional Office: (1) Bengaluru City-East, (2) Bengaluru City-Peenya, (3) Bengaluru City-South, (4) Bengaluru City-West, (5) Dasarahalli, (6) Doddaballapura, (7) Nelamangala, (8) Yelahanka, (9) Anekal, (10) Bommanahalli, (11) Rajarajeshwari-nagara, (12) Ramnagar, (13) Sarjapura, (14) Chikkaballapur, (15) Hosakote, (16) Mahadevpura, (17) Mysuru-1, (18) Mysuru-2, (19) Mandya, (20) Chamarajnagar, (21) Tumakuru, (22) Chitradurga, (23) Davangere, (24) Kolar, (25) Shivamogga, (26) Dharwad, (27) Gadag (28) Belagavi-1, (29) Belagavi-2 (Chikkodi Centre), (30) Bagalkot, (31) Vijayapura, (32) Ballari, (33) Raichur, (34) Koppal, (35) Bidar, (36) Kalaburagi, (37) Udupi, (38) Mangaluru, (39) Hassan, (40) Chikkamagaluru, (41) Karwar, (42) Kodagu (43) Haveri, (44) Yadgiri.
5. CSO's, Central Laboratory.
6. All EO's of Head Office
7. Website

website