

MONTHLY INSPECTION AT IMAGE (CBWTF), MALAMPUZHA

Date: 12-10-2022, Wednesday

Inspected by: Sruthi Chandran AE-1

Inspection Details:-

SI No.	DETAILS	STATUS / REMARKS
1.	BMW Collection	51.7 MT (Average collection daily of September)
2.	Incinerators	1- Shut down for maintenance ; 2,3,4,5 – Working
3.	No. of Incinerators	5
4.	Online Continuous Emission Monitoring System (OCEMS)	OCEMS No.1 – New Rotary (Dry Scrubber) – Plant No.1 OCEMS No.2 – Old Parishudh – Plant No.1 OCEMS No.3 – Old Rotary – Plant No.2 OCEMS No.4 – Thermax – Plant No.2 OCEMS No.5 – New Alpha – Plant No.3
5.	Barcode Scanning	Equipment Dismantled, Not in Use. The shed had caught fire. It is not fully rebuilt; scanning not done. Weighing using weigh bridge is functional; hence weight of BMW handled is obtained.(Letter

		submitted on 17.10.2022 that bar coding will be functional soon: letter is attached)
6.	Unit Premises	Neat & Tidy
7.	All Plastic Items, Synthetic Rubber Items, Metals, Glass Bottles, Other miscellaneous items	Sent to Aryaja Industries, NIDA, Kanjikode
8.	ETP	Working, Ultra Filtration(UF) not working. (Last effluent sample was conforming to limits even without UF)
9.	Online Continuous Effluent Monitoring System (OCEMS)	Working; Partial connectivity shown in OCEMS as one incinerator is not uploading values (maintenance)
10.	Rain Water Harvesting Pond	Three-Fourth full (no over flow seen)
11.	Backlog	NIL
12.	Sample collected for Analysis	Collected from:- (i) Filter feed Tank (ii) ETP Outlet

13.	Sample Analysis Results	Collected on 14.09.2022 <div> <div>Filter feed tank</div> <div>ETP outlet</div> <div>pH – 8.41</div> <div>pH- 8.33</div> <div>TSS – BDL</div> <div>TSS-BDL</div> <div>BOD – 12.8</div> <div>BOD-6.6</div> <div>COD – 40 mg/L</div> <div>COD-16 mg/l</div> <div>Oil & Grease – BDL</div> <div>Oil & Grease-BDL</div> </div>
14.	Hazardous Waste Incinerator Ash & ETP Sludge	Stored in Roofed Area – Almost full (Collected by KEIL)



BMW WASTE COLLECTION AREA



AUTOCLAVE AREA



SEGREGATION OF WASTE



OCEMS 1



OCEMS 2



ETP OUTLET



Proposed Site for Barcode Scanning

