

MONTHLY INSPECTION AT IMAGE (CBWTF), MALAMPUZHA

Date: 09-11-2022, Wednesday

Inspected by: Sruthi Chandran AE-1

Inspection Details:-

Sl No.	DETAILS	STATUS / REMARKS
1.	BMW Collection	51.847 MT (Average collection daily of October)
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.
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 Two incinerators are 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 12.10.2022 <table><tr><td>Filter feed tank</td><td>ETP outlet</td></tr><tr><td>pH – 8.42</td><td>pH- 8.11</td></tr><tr><td>TSS – BDL</td><td>TSS-BDL</td></tr><tr><td>BOD – 12.6</td><td>BOD-5.3</td></tr><tr><td>COD – 112 mg/L</td><td>COD-104 mg/l</td></tr><tr><td>Oil & Grease – BDL</td><td>Oil & Grease- BDL</td></tr></table>	Filter feed tank	ETP outlet	pH – 8.42	pH- 8.11	TSS – BDL	TSS-BDL	BOD – 12.6	BOD-5.3	COD – 112 mg/L	COD-104 mg/l	Oil & Grease – BDL	Oil & Grease- BDL
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14.	Hazardous Waste	Stored in Roofed Area – Almost full												

	Incinerator Ash & ETP Sludge	(Collected by KEIL)
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INCOMING BMW COLLECTION AREA



INCINERATOR 1



SCRAP PROCESSING SHED



SCRAP PROCESSING AREA



PROPOSED SITE FOR BARCODE SCANNING



GLASS BOTTLE PROCESSING UNIT

