

MONTHLY INSPECTION AT IMAGE (CBWTF), MALAMPUZHA

Date: 14-09-2022, Wednesday

Inspected by: Sruthi Chandran AE-1, Arya Sidharth - GEA

Inspection Details:-

Sl No.	DETAILS	STATUS / REMARKS
1.	BMW Collection on the day before inspection.	39 MT
2.	Incinerators	1,2,3,4,5 –Working
3.	No.of Incinerators working	5
4.	Online Continuous Emission Monitoring System (OCEMS)- status of working	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 & weighing	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.	Processing of Plastic ,Synthetic Rubber Items, Metal, Glass Bottles, Other miscellaneous items	Segregation, shredding,bailing,storage - seen satisfactory Processed recyclable -Sent to Aryaja Industries, NIDA, Kanjikode												
8.	ETP	Working, Ultra Filtration not working; but effluent quality of last month’s sample was achieving standards.												
9.	Online Continuous Effluent Monitoring System (OCEMS)	Working												
10.	Rain Water Harvesting Pond	Three-Fourth full												
11.	Backlog	NIL												
12.	Sample collected for Analysis	Collected from:- (i) Filter feed Tank (ii) ETP Outlet (iii) Rain Water Harvesting Pond												
13.	Sample Analysis Results	Collected on 03.08.2022 <table><tr><td>Filter feed tank</td><td>ETP outlet</td></tr><tr><td>pH – 8.25</td><td>pH- 8.49</td></tr><tr><td>TSS – BDL</td><td>TSS-BDL</td></tr><tr><td>BOD – 2.8</td><td>BOD-2.2</td></tr><tr><td>COD – 68 mg/L</td><td>COD-68 mg/l</td></tr><tr><td>Oil & Grease – BDL</td><td>Oil & Grease- BDL</td></tr></table>	Filter feed tank	ETP outlet	pH – 8.25	pH- 8.49	TSS – BDL	TSS-BDL	BOD – 2.8	BOD-2.2	COD – 68 mg/L	COD-68 mg/l	Oil & Grease – BDL	Oil & Grease- BDL
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		All the parameters are within limit in ETP outlet.
14.	Hazardous Waste Incinerator Ash & ETP Sludge	Stored in Roofed Area – Regularly collected by KEIL.



BMW WASTE COLLECTION AREA



AUTOCLAVE AREA



SEGREGATION OF WASTE



OCEMS 1



OCEMS 2



SCRAP PROCESSING AREA



ETP OUTLET



PROPOSED SITE FOR BARCODE SCANNING



RAIN WATER HARVESTING POND