

## INSIGHTS INTO THE PHENOMENON OF FOAM FORMATION IN RIVER NUNIA AT GHAGARBURI

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*Foam formation in various aquatic environments often triggers concerns about pollution and jeopardizes river-dependent organisms and local biodiversity. In Asansol, West Bengal, residents are curious about the profuse foam at the Ghagarburi Site in River Nunia. A year-wide comprehensive study of 15 water quality parameters and the Water Quality Index indicates significant pollution at the site. Organic matter decomposition, microbial activity, sulphate and phosphate ions (often from detergents), etc. contribute to foam formation. The rocky topography, where water cascades, intensifies foaming.*

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