

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202141015519 A

(19) INDIA

(22) Date of filing of Application :01/04/2021

(43) Publication Date : 16/04/2021

(54) Title of the invention : WASTE WATER TREATMENT USING GPS-X SOFTWARE

(51) International classification	:C02F0001440000, C02F0001280000, C02F0001520000, C02F0003340000, C02F0101100000	(71) <b>Name of Applicant :</b> <b>1)Dr. BALAMURUGAN R</b> Address of Applicant :Associate Professor, Department of Civil Engineering, Faculty of Engineering and Technology (FEAT), Annamalai University, Annamalai Nagar, Chidambaram 608 002, Tamil Nadu, India Tamil Nadu India
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)Dr. BALAMURUGAN R</b>
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

**ABSTRACT WASTE WATER TREATMENT USING GPS-X SOFTWARE** The present invention is related to the field of waste water treatment. After collecting the samples of waste water from different places, the collected water is analyzed to find out their chemical composition in wastewater and making the decision, as to how to treat the waste effectively. The chemical composition result of this wastewater is evaluated by GPS-X software (Wastewater Modeling and Simulation Software/ GPS-X-Hydromantis) to find the better result of the project. Then analysis is made to find the reuse options of such wastewater. The reuse options may be of potable and non-potable type.

No. of Pages : 12 No. of Claims : 1