HIGHER TECHNICAL INSTITUTE CIVIL ENGINEERING DEFARTMENT

DIPLOMA PROJECT

DESIGN OF A SMALL SCALE ADVANCED WASTEWATER TREATMENT PLANT



ISAIANNA KAIMENAKI

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DESIGN OF A SMALL - SCALE

WASTEWATER TREATMENT PLANT

BY

ISAIANNA KAIMENAKI

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Project supervisor : Mr. N. Kathijotes

Lecturer at C.E.D. at H.T.I

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Design of a SMALL SCALE SECONDARY WASTEWATER TREATMENT

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Prepared By : ISAIANNA KAIMENAKI

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Povero Catullo, basta con le illusioni : se muore, credimi, ogni cosa è perduta. I tuoi giorni felici li hai consumati quando correvi dove voleva il tuo amore, amato come amata non sarà nessuna : nascevano allora tutti i giuochi d'amore che tu volevi e lei non si negava. I tuoi giorni felici ormai consumati. Ora non vuole più : e tu non volere, controllati, non insequirla, come un miserabile, se fugge, ma non tutta la tua volontà resisti, non cedere. Addio, amore mio. Catullo non cede più, non verrà a cercarti, non ti vorrà per forza : ma tu soffrirai di non essere desiderata. Guardati, dumque : cosa può darti la vita? Chi ti vorrà? per chi ti farai bella? chi amerai? da chi sarai amata? E chi bacerai? a chi morderai le labbra? Ma tu, Catullo, resisti, non cedere.

> In the memory of my father ... For the love of my mother ...







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Organics

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Biological Water-Quality Parameters

Role of Microorganisms

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Nutrients - Nitrogen and Phosphorous

Microbes of interest in Water Treatment

Classification of Microorganisms

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