

REDAC FINAL YEAR PROJECT 2003/2004

TITLE	TASKS
Application of Gross Pollutant Trap (GPT) In Conventional Drainage System	<ul style="list-style-type: none"> • Literature Review • GPT Design & Modeling
Sediment Transport in Rivers: Case Study of Pari and Kulim Rivers	<ul style="list-style-type: none"> • Equation Evaluation • Manning's n Values • Bed Load Equation Development • Field Data
Hydraulic Capacity of Ecological Swale	<ul style="list-style-type: none"> • Flow Measurement For Different Type Of Swale • Develop Design Chart
Stormwater Quality Treatment Using Constructed Wetland	<ul style="list-style-type: none"> • Water Quality Monitoring • Effect Of Water Level Fluctuations • Survey Wetland
Flow Attenuation Using Dry Pond	<ul style="list-style-type: none"> • Water Level Monitoring • Survey Dry Pond • Develop Relationship For Time To Empty
Stormwater Quality Treatment Using Bio-Ecological Drainage System (BIOECODS)	<ul style="list-style-type: none"> • Water Quality Monitoring • Develop Relationship Between BIOECODS Components
Development of Infiltration Map for Butterworth : Zone BW 1/2	<ul style="list-style-type: none"> • Soil Sampling • Infiltration Tests • Develop Infiltration Capability Map
Development of Infiltration Map for Butterworth : Zone BW 3/4	<ul style="list-style-type: none"> • Soil Sampling • Infiltration Tests • Develop Infiltration Capability Map
Development of Infiltration Map for Butterworth : Zone BW 5/6	<ul style="list-style-type: none"> • Soil Sampling • Infiltration Tests • Develop Infiltration Capability Map
Development of Infiltration Map for Ipoh	<ul style="list-style-type: none"> • Soil Sampling • Infiltration Tests • Develop Infiltration Capability Map