Figure 2.1 Location of Existing Outfalls and Proposed Outfall

Legend:
- Proposed Site
- Major Outfall
- Minor Outfall

Scale: 1:35,000
FIGURE 2.2 LOCATION OF POTENTIAL WWTP SITES

LEGEND

SITE INVESTIGATED FOR W.W.T.P.
SITE SUITABLE FOR LOCAL W.W.T.P.
SITE SUITABLE FOR LARGE W.W.T.P.
FIGURE 2.3 SITE LOCATION - REGIONAL

SOURCE: ORDNANCE SURVEY DISCOVERY SERIES OS 1806 & OS 1606
FIGURE 2.5 PROPOSED WWTP SCHEMATIC FLOW PROFILE FOR CONVENTIONAL ACTIVATED SLUDGE SYSTEM (INDICATIVE DESIGN Nr.1)
FIGURE 2.6 INDICATIVE SITE LAYOUT NR. 1  SCALE 1:2,000

NOTES
1. PRELIMINARY TREATMENT (SCREENING, GRIT REMOVAL & PRE-AERATION)
2. PRIMARY SETTLEMENT TANKS
3. STORMWATER SETTLEMENT TANKS
4. AERATION TANKS
5. SECONDARY SETTLEMENT TANKS
6. TREATED EFFLUENT MONITORING CHAMBER
7. PRIMARY SLUDGE THICKENER TANK
8. ACTIVATED SLUDGE BUILDING (CONTAINING WASTE ACTIVATED SLUDGE BELT THICKENER)
9. ANEROBIC SLUDGE DICESTERS
10. DIGESTED SLUDGE STORAGE TANK
11. BIOGAS HOLDER
12. SLUDGE TREATMENT BUILDING (HOUSING THE DIGESTED SLUDGE Dewatering SYSTEM AND THE SLUDGE Drying PLANT)
13. DRIED SLUDGE STORAGE SLO
14. ADMINISTRATION / CONTROL BUILDING
15. PRELIMINARY TREATMENT ODOR CONTROL UNIT
16. PRIMARY SLUDGE ODOR CONTROL TREATMENT UNIT
17. SECONDARY SLUDGE ODOR TREATMENT UNIT

LEGEND
- PROPOSED SITE
- RISING MAIN
- FOUL SEWER
- STORM SEWER
- PROPOSED BYPASS
- ESB CABLE
- INDICATES SPACE AVAILABLE FOR FUTURE EXPANSION

CONTACT EPI FOR REPRODUCTION OR USE IN ANY OTHER FORM.
FIGURE 2.7 PROPOSED WWTP SCHEMATIC FLOW PROFILE FOR SBR SYSTEM (INDICATIVE DESIGN Nr.2)