

| <b>Project Summary Sheet</b>  |  |  |  |            |                         |                          |                           |                           |
|---|--|--|--|------------|-------------------------|--------------------------|---------------------------|---------------------------|
| <b>Client/Authority</b><br>Scarborough Borough Council  |  |  | Prepared (date)                              |            |                         |                          |                           |                           |
| <b>Project name</b><br>Church Beck Combined Scheme 3 Upper  |  |  | Printed 16/08/2004                           |            |                         |                          |                           |                           |
| <b>Project reference</b><br>Base date for estimates (year 0)  |  |  | Prepared by EJA                              |            |                         |                          |                           |                           |
| Scaling factor (e.g. £m, £k, £)   |  |  | Checked by JF                                |            |                         |                          |                           |                           |
| Principle land use band   |  |  | Checked date                                 |            |                         |                          |                           |                           |
| Discount rate   |  |  | N/A  |            |                         |                          |                           |                           |
| <b>Costs and benefits of options</b>  |  |  | Jun'04                                       |            |                         |                          |                           |                           |
|   |  |  | £k (used for all costs, losses and benefits) |            |                         |                          |                           |                           |
|   |  |  | B (A to E)                                   |            |                         |                          |                           |                           |
|   |  |  | 3.0%   |            |                         |                          |                           |                           |
|   |  |  | <b>Costs and benefits £k</b>                 |            |                         |                          |                           |                           |
|   |  |  | Do Nothing                                   | Do Minimum | Option 3 (Q25 Works -U) | Option 3 (Q50 Works - U) | Option 3 (Q100 Works - U) | Option 3 (Q200 Works - U) |
| <b>PV costs PVc</b>   |  |  | -  | 94.36      | 763.67                  | 865.04                   | 950.40                    | 1,016.03                  |
| <b>PV damage PVd</b>  |  |  | 3,576.97                                     |            | 1,354.19                | 868.24                   | 457.50                    | 171.53                    |
| <b>PV damage avoided</b>  |  |  |  |            | 2,222.78                | 2,708.73                 | 3,119.47                  | 3,405.44                  |
| <b>Total PV benefits PVb</b>  |  |  |  | -          | 2,222.78                | 2,708.73                 | 3,119.47                  | 3,405.44                  |
| <b>Net Present Value NPV</b>  |  |  | -  | 94.36      | 1,459.11                | 1,843.69                 | 2,169.07                  | 2,389.41                  |
| <b>Average benefit/cost ratio</b>   |  |  |  | -          | 2.91                    | 3.13                     | 3.28                      | 3.35                      |
| <b>Incremental benefit/cost ratio</b>   |  |  |  |            | 3.32                    | 4.79                     | 4.81                      | 4.36                      |
|   |  |  |  |            |                         |                          |                           | Highest b/c               |
| <b>Brief description of options:</b>  |  |  |  |            |                         |                          |                           |                           |
| Do Nothing  |  |  | Do nothing                                   |            |                         |                          |                           |                           |
| Do Minimum  |  |  | Do minimum                                   |            |                         |                          |                           |                           |
| Option 3 (Q25 Works -U)   |  |  | Q25 Works                                    |            |                         |                          |                           |                           |
| Option 3 (Q50 Works - U)  |  |  | Q50 Works                                    |            |                         |                          |                           |                           |
| Option 3 (Q100 Works - U)   |  |  | Q100 Works                                   |            |                         |                          |                           |                           |
| Option 3 (Q200 Works - U)   |  |  | Q200 Works                                   |            |                         |                          |                           |                           |
| <b>Notes:</b>   |  |  |  |            |                         |                          |                           |                           |
| 1) Benefits will normally be expressed either in terms of damage avoided or asset values protected. Care is needed to avoid double counting   |  |  |  |            |                         |                          |                           |                           |
| 2) PV damage avoided is calculated as PV damage (No Project) - PV damage (Option)<br>PV asset protection benefits are calculated as PVa (Option) - PVa (No Project)<br>PV benefits calculated as PV damage avoided + PV asset protection benefits |  |  |  |            |                         |                          |                           |                           |
| 3) Incremental benefit/cost ratio is calculated as:<br>(PVb(current option) - PVb(previous option))/(PVc(current option) - PVc(previous option))  |  |  |  |            |                         |                          |                           |                           |