NOTES

1. CHARTS TO BE USED TO DETERMINE THE HYDRAULIC CAPTURE OF
   BCC STANDARD TYPE ‘D’ GRATE ONLY INSTALLED IN UP-N-LINE
   CONFIGURATION. REFER BROCHURES FOR GRATE DETAILS AND
   BSD-8051 FOR GULLY DETAILS.

2. FOR APPROVED PROPRIETARY PRODUCTS, MANUFACTURERS/SUPPLIERS
   TO SUPPLY FULL HYDRAULIC DESIGN DETAILS AND CAPTURE CHARTS.

3. DATA BASED ON TESTING UNDERTAKEN AT URBAN WATER RESOURCES
   CENTRE, UNIVERSITY OF SOUTH AUSTRALIA FOR BRISBANE CITY
   COUNCIL, GOLD COAST CITY COUNCIL AND QUEENSLAND DEPARTMENT
   OF MAIN ROADS, MARCH 2003 AND NOVEMBER 2002. (NO
   EXTRAPOLATION BEYOND THE LIMITS OF THE CHARTS SHOULD BE
   UNDERTAKEN.)

4. CAPTURE BASED ON MAXIMUM CHAMBER WATER LEVEL
   - 150mm BELOW CHANNEL INVERT LEVEL FOR S ≤ 0.5 TO 3%
   - 350mm BELOW CHANNEL INVERT LEVEL FOR S > 3%

5. CAPTURE CHARTS REFER TO STANDARD UP-N-LINE GULLY WITH
   125mm THROAT OPENING. REFER BSD-8051, REV. C FOR
   DETAILS.

6. 10% BLOCKAGE APPLIED TO GRATE.

LEGEND

- SRC AND CHANNEL LONGITUDINAL SLOPE (S%)
- BASED ON ACTUAL DATA
- EXTRAPOLATED DATA