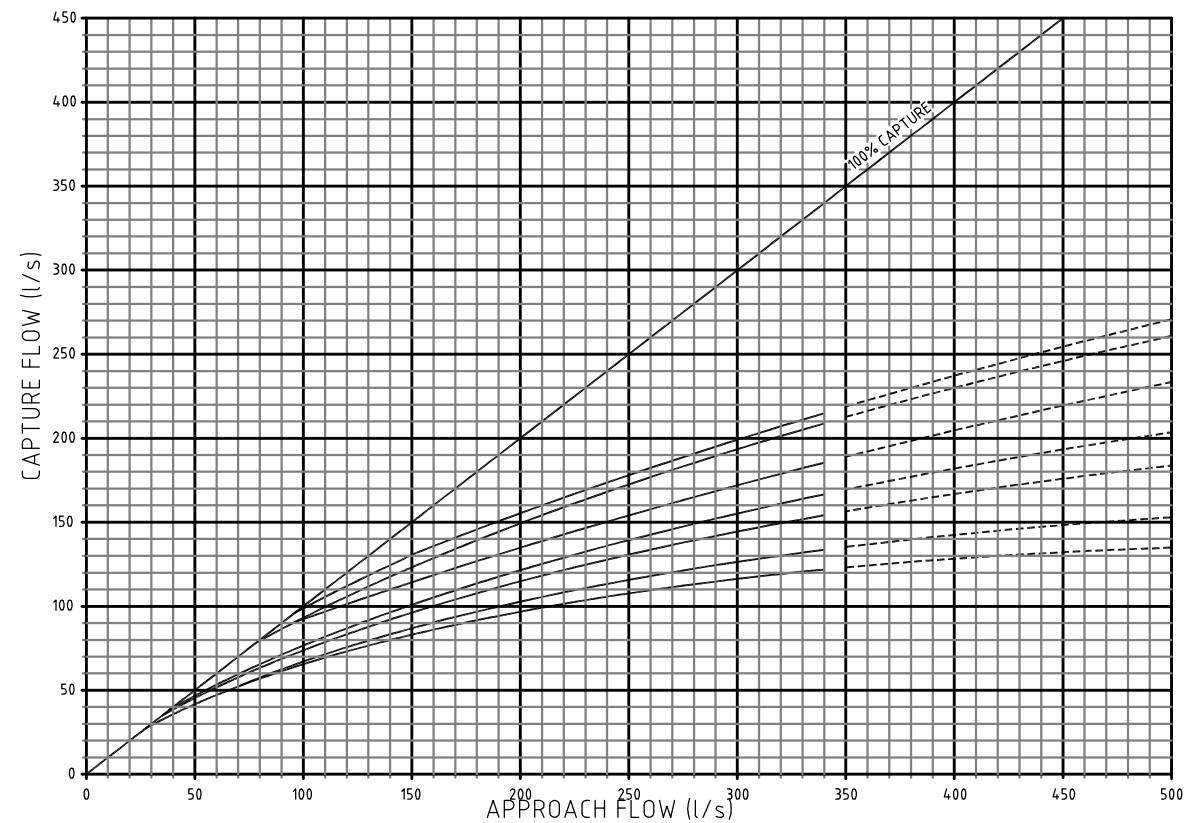
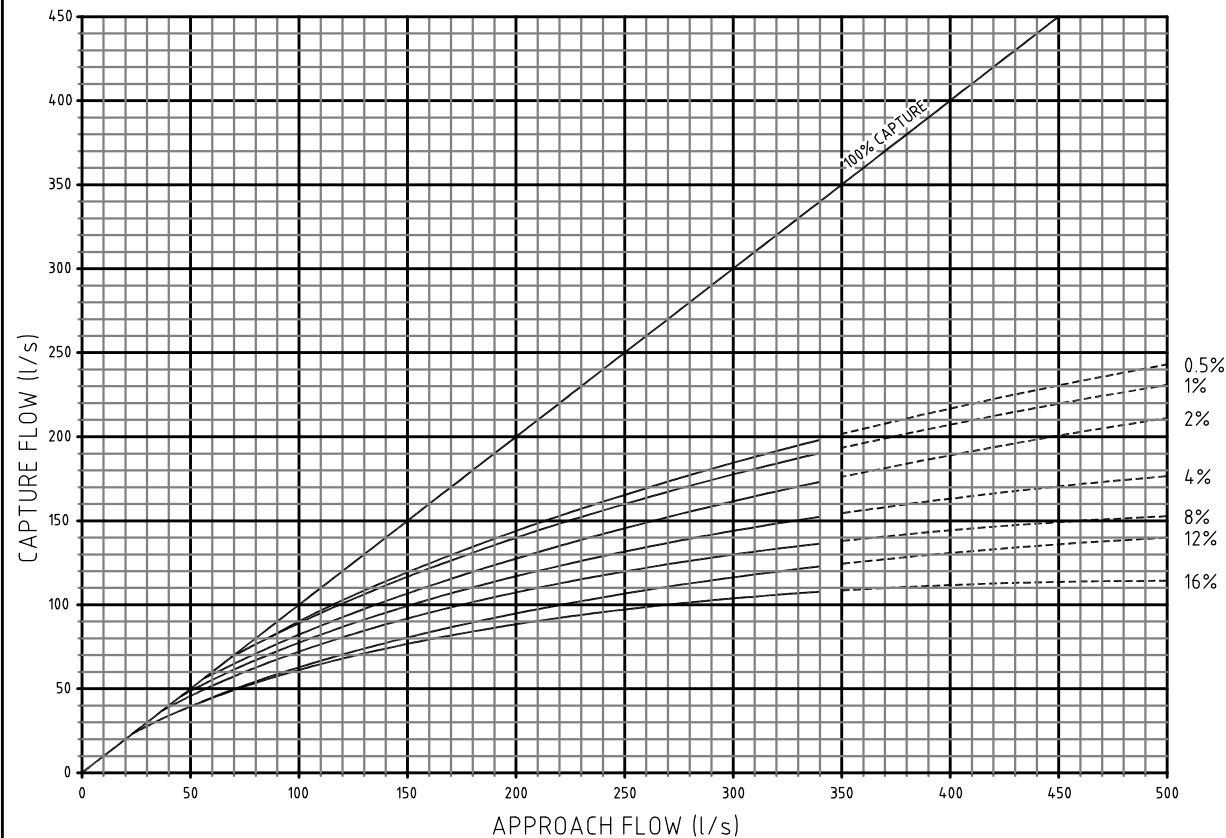


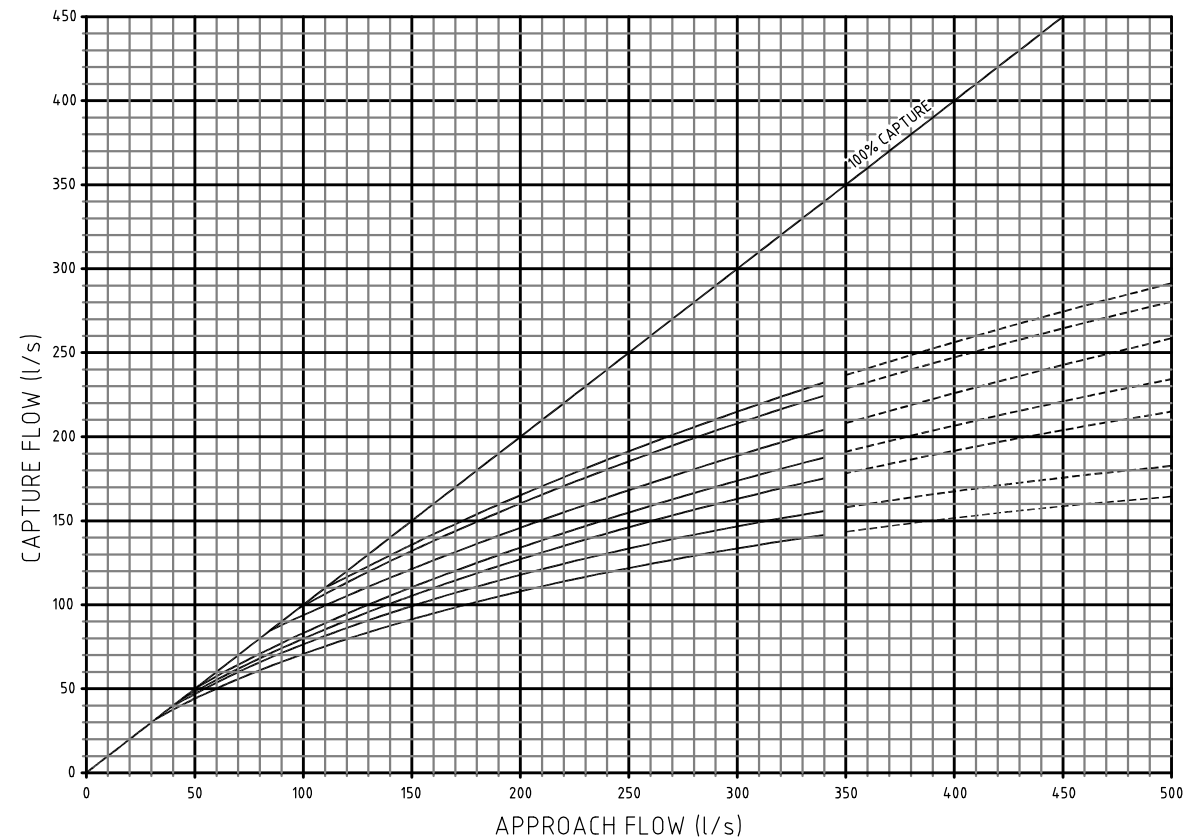
2.5% ROAD CROSSFALL



2.5% ROAD CROSSFALL



3.3% ROAD CROSSFALL  
ON-GRADE 2400mm LINTEL (S)



3.3% ROAD CROSSFALL  
ON-GRADE 3600mm LINTEL (M)

**NOTES**

1. THESE CHARTS HAVE BEEN PREPARED BASED ON BRISBANE CITY COUNCIL STANDARD DRAWINGS FOR GULLY PITS & GRATES. DETAILS SUPPLIED BY BRISBANE CITY COUNCIL
2. THESE CHARTS ARE BASED ON BCC "Type 'A' Lip-In-Line" GULLY CONFIGURATION (BCC Std Dwg UMS 330) USING BCC GRATES & LINTELS (BCC Std Dwgs UMS 331 & 332) THE NORTHERN RIVERS LOCAL GOVERNMENT GROUP ACKNOWLEDGES BCC AS THE ORIGINATOR OF THE CHARTS AND ACCEPTS RESPONSIBILITY FOR THEIR USE
3. CHARTS ARE TO BE USED TO DETERMINE HYDRAULIC CAPTURE OF STORMWATER PITS FOR DEVELOPMENTS IN ACCORDANCE WITH THE REQUIREMENTS OF EACH NORTHERN RIVERS LOCAL GOVERNMENT COUNCIL AND NORTHERN RIVERS LOCAL GOVERNMENT STD. DWGS.
4. FOR PROPRIETARY GRATES, MANUFACTURER TO SUPPLY FULL HYDRAULIC DESIGN DETAILS AND CAPTURE CHARTS
5. DATA BASED ON TESTING UNDERTAKEN AT THE URBAN WATER RESOURCE CENTRE, UNIVERSITY OF SOUTH AUSTRALIA FOR BRISBANE CITY COUNCIL, GOLD COAST CITY COUNCIL AND QLD DEPARTMENT OF MAIN ROADS IN MARCH 2001 & NOVEMBER 2002. (NO EXTRAPOLATION BEYOND THE LIMITS OF THE CHARTS SHOULD BE UNDERTAKEN.)
6. 2400mm LINTEL CHARTS  
CAPTURE BASED ON MAX. CHAMBER WATER LEVEL : 150mm BELOW CHANNEL INVERT  
3600mm LINTEL CHARTS  
CAPTURE BASED ON MAX. CHAMBER WATER LEVEL : 150mm BELOW CHANNEL INVERT FOR  $S_o = 0.5$  TO  $3$   
350mm BELOW CHANNEL INVERT FOR  $S_o > 3$
7. 10 % BLOCKAGE FACTOR APPLIED TO GRATE.

**LEGEND**

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

A	ORIGINAL ISSUE		7/7/10
	REVISIONS	APP'D	DATE

STANDARD DRAWINGS  
**NORTHERN RIVERS  
LOCAL GOVERNMENT**

HYDRAULIC CAPTURE CHARTS  
LIP-IN-LINE ON-GRADE GULLY PIT  
UPRIGHT KERB

STORMWATER  
STANDARD  
DRAWING  
**SW-08**

A				
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