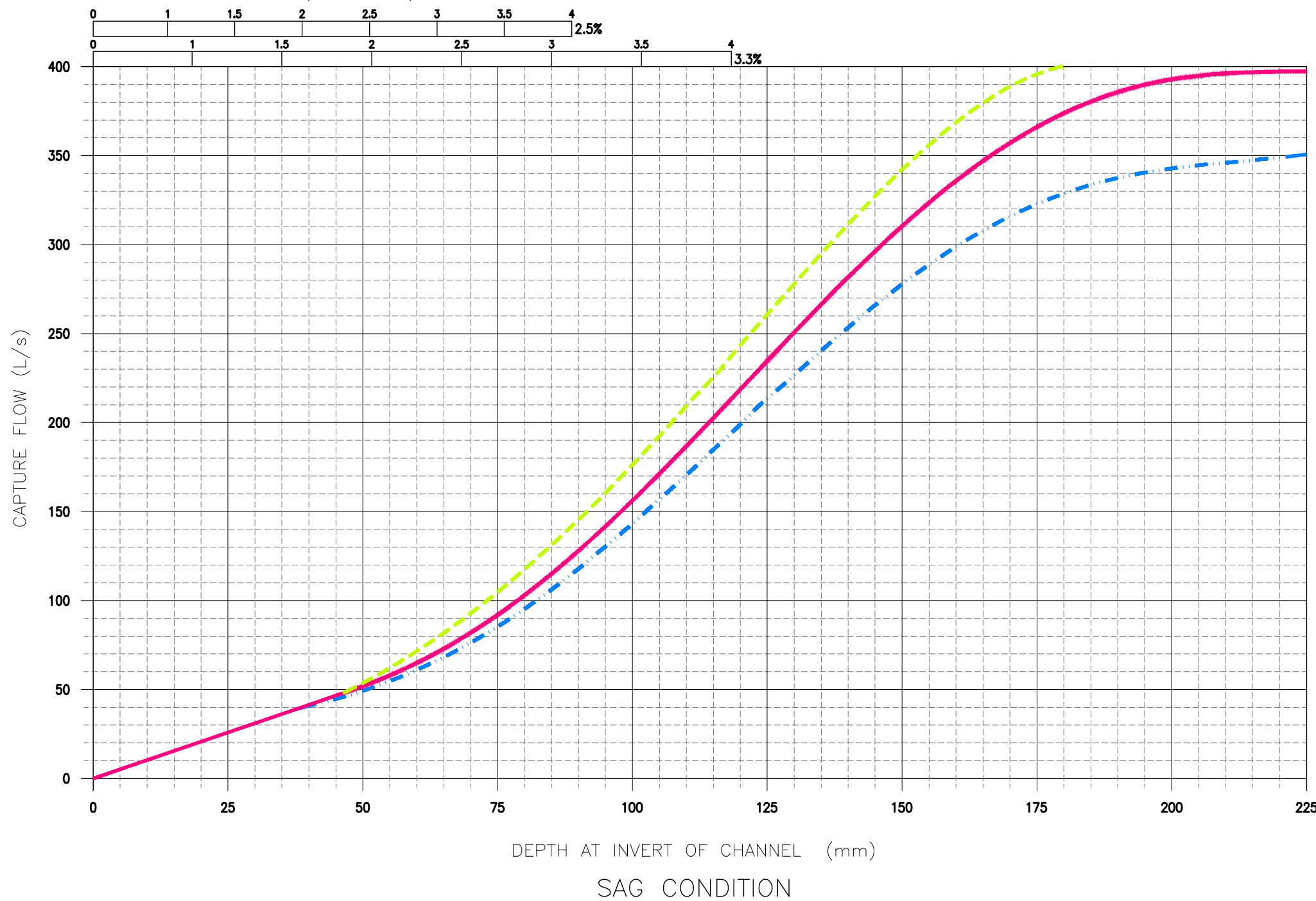


PONDED WIDTH (METRES) WITH ROAD CROSSFALL AS BELOW



CAPTURE WITH KERB OVERTOPPED 90mm

LINTEL/LENGTH	CAPACITY
S/2400mm	330 L/s
M/3600mm	350 L/s
L/4800mm	480 L/s

NOTES:

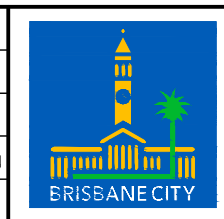
1. CHARTS TO BE USED TO DETERMINE THE HYDRAULIC CAPTURE OF BCC STANDARD TYPE 'A' GULLY ONLY INSTALLED IN KERB IN LINE CONFIGURATION. REFER BSD-8052 FOR GULLY DETAILS.
2. FOR APPROVED PROPRIETARY PRODUCTS, MANUFACTURER/SUPPLIER TO SUPPLY FULL HYDRAULIC DESIGN DETAILS AND CAPTURE CHARTS.
3. DATA BASED ON TESTING UNDERTAKEN AT URBAN WATER RESOURCES CENTRE, UNIVERSITY OF SOUTH AUSTRALIA FOR BRISBANE CITY COUNCIL, MAY 2005. (NO EXTRAPOLATION BEYOND THE LIMITS OF THE CHARTS SHOULD BE UNDERTAKEN.)
4. CAPTURE BASED ON MAXIMUM CHAMBER WATER LEVEL 150mm BELOW CHANNEL INVERT LEVEL.
5. 100% BLOCKAGE APPLIED TO GRATE.
6. TYPE 'E' AND TYPE 'D' KERB CONDITIONS WERE TESTED. TYPE 'D' RESULTS HAVE BEEN ADOPTED ON THESE CHARTS.
7. CAPTURE CHARTS REFER TO STANDARD KERB-IN-LINE GULLY WITH 125mm THROAT OPENING. REFER BSD-8052, REVISION 'B' FOR DETAILS

LEGEND

- - - - - 2400mm LINTEL
- 3600mm LINTEL
- - - - - 4800mm LINTEL

ISSUE	AMENDMENT	DRAWN DATE	CHK'D DATE	APPR'D DATE
B	Drawing Title Amended	FEB '16	JUL '16	JUL '16
A	Drawing Converted from UMS Series April 2014	APR '14	APR '14	APR '14

DESIGN	INFST MNGMT	DATE	OCT '01
DRAWN	INFST MNGMT	DATE	OCT '01
CHECKED	M.STEER	DATE	OCT '01
DRAWING FILENAME	BSD-8082 001 Hydraulic capture charts, kerb in line gully, sag conditions, type 'D' & 'E' K&C, all lintels.dwg		
ASSOCIATED PLANS	SUPERSEDES UMS-392		



BRISBANE CITY COUNCIL STANDARD DRAWING

HYDRAULIC CAPTURE CHARTS
KERB IN LINE GULLY SAG CONDITIONS
TYPE 'D' & 'E' KERB AND CHANNEL
ALL LINTELS

SCALE: NOT TO SCALE
 DWG No: **BSD-8082**
 ORIGINAL SIZE: A3
 REVISION: B