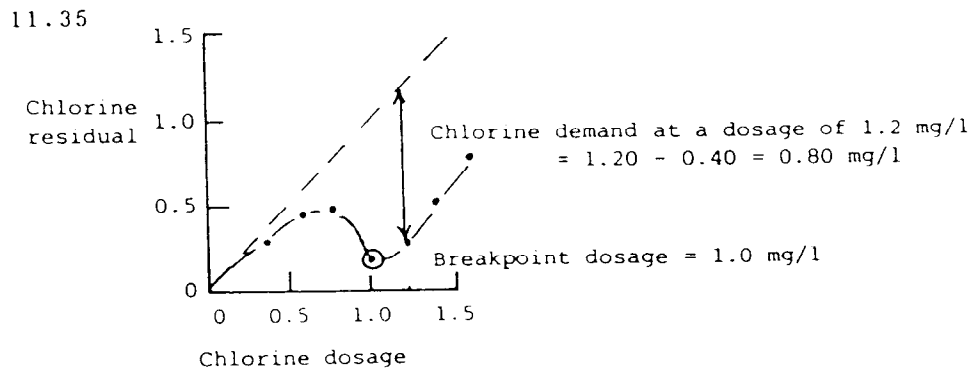


11.35 The results of a chlorine demand test on a raw water at 20°C are given in the following table

Sample	Chlorine dosage (mg/l)	Residual chlorine after 10 min of contact (mg/l)
1	0.20	0.19
2	0.40	0.37
3	0.60	0.51
4	0.80	0.50
5	1.00	0.20
6	1.20	0.40
7	1.40	0.60
8	1.60	0.80

- (a) Sketch the chlorine demand curve.  
 (b) What is the breakpoint chlorine dosage?  
 (c) What is the chlorine demand at a chlorine dosage of 1.20 mg/l?



WT-6