


10. PH ADJUSTMENT OF WATER



The Committee considered a report from Bruce Henderson, City Water and Waste Unit, updating the Committee on the situation in respect to the previous Council resolution to cease pH water adjustment at three of the Council's water supply pumping stations.

The report outlined the background to the previous decision taken in June 2001 by the Council to cease undertaking pH adjustment of water which affected some three out of 54 city water supply pumping stations.

The report detailed the reasons why pH adjustment had continued in the interim and provided details of the subsequent research taken on this matter.

It noted that if one reliable deep well could be provided at each of the Burnside and Bishopdale pumping stations, these wells could be used as the base supply with water from the shallow (suspect) wells being mixed to achieve an overall pH very likely above the preferred pH level of 7.0. Chemical adjustment would not therefore need to be considered and it would mean that the risk of copper corrosion in Christchurch would be no higher than at present.

The Committee **decided**:

1. That pH adjustment of water at the Burnside and Bishopdale Pump Stations continue until it is clearly established that the untreated natural pH of the water is above 7.0.
2. That the Committee endorse the proposal to drill deep wells at each of the Burnside and Bishopdale Pumping Stations in order to obtain water that has a suitable pH.