


11. STORM REPORT: 11–13 OCTOBER 2000



The Water Services Manager submitted a report describing the storm experienced by Christchurch between 11-13 October 2000, reviewing how the waterways and drainage system coped with the event and identifying further investigations and remedial action to improve the functioning of the waterways and drainage system should another similar storm event occur in future. The report focused on Christchurch's waterways and drainage system not the City Council's storm emergency response which was the subject of an internal review reported elsewhere.

The Committee noted that some additional operational expenditure which may not be able to be funded by substitution is likely to be incurred this financial year on investigations and emergency response directly related to the October storm. Capital expenditure on improvements necessary in the light of what happened during the storm are likely to be funded by substitution in place of lower priority projects.

The Committee **decided**:

1. That the Water Services Manager report back to the Committee on the measures and costs for mitigating the drainage problems in Sumner, Redcliffs and Heathcote.
2. That debris trays be constructed in Barnett Park, located well upstream of the pipeline inlet grating.
3. That the burding between the pipeline inlet grating and Wakatu Avenue private properties to the east be raised and the secondary flow path from the grating west to the Barnett Park car park be reshaped.
4. That greater inlet capacity be provided to the 1,200mm pipeline in Main Road with good tidal backflow control by way of additional sumps and grates along Main Road.
5. That during significant storm events, a designated team be available to remain in the locality throughout the storm, to clear sump grates, keep the Barnett Park inlet clear, watch for swale overflows and ensure all tidal outlets are clear and working.
6. That the feasibility of installing removable drain plugs in the sea wall for Main Road properties opposite Barnett Park be investigated.
7. That, to assist any future reassessment of flood risk in the area, the survey data received from residents be followed up to better determine final insurance claim costs associated with this storm event.
8. That consideration be given to retaining the services of a local drainlayer to take responsibility for periodic inspections and minor clearing of all inlet grates and grills to estuary outfall piping for the area; especially during high tide and storm events.