

STAFF REPORT

TO: Chairman and Members Engineering Services Committee
FROM: Utilities Asset Manager
REFERENCE: S752
DATE: 10 August 2005
SUBJECT: Stormwater Improvements South Brightwater Area

PURPOSE

The purpose of this report is to provide information to the Engineering Services Committee.

BACKGROUND

Council has had a project to reduce the potential of flooding to the residents of Lord Rutherford Road Area (South of Brightwater), and the Rintoul Place area within Brightwater. Councillor Higgins has been involved with a local group of property owners who wish Council to put some measures in place to stop the flooding of their properties from the Jeffries Creek.

Staff have met with this group and have talked to the upstream owners of property in an endeavour to come to a solution that is acceptable to all parties and thus make obtaining the required Resource Consent less onerous.

COMMENT

In investigation to resolve the problem in the Jeffries Creek Catchment area, it became obvious that the problem was a much wider issue and needs a total solution to the bigger problem. This Problem extends to both catchments, being the Jeffries and the Pitfure catchments.

ATTACHED REPORT

Please find attached a brief report from MWH on the issues and potential solutions.

FLOODING RESOLUTION

It must be acknowledged that no measure put in place will stop the effected properties along Lord Rutherford Road being flooded at sometime in the future.

Short of installing large flood banks, pumping systems, and purchasing large stretches of land, Council could never categorically state these properties are flood free.

What is intended is to reduce the potential of flooding.

The intended work will involve widening some waterways, the installation of increased sized roading culverts, removal of obstructions from the waterways such as trees, reconnecting culverts under roads that have been isolated due to farming practices, the retention of water and the installation of some bunding to direct and contain flood waters.

As previously stated in the MWH report, a lot of work has been done to date in consultation with several land owners and more needs to be done.

It is however intended to lodge Resource Consent at stages and have works complete as soon as possible.

Depending upon the ability of obtaining the required resource Consent and land owner approvals it is hoped that work could be well underway by Christmas 05.

RECOMMENDATION

That this report be received

Jeff Cuthbertson
Utilities Asset Manager