

21. DISINFECTION TRIALS ON OXIDATION POND EFFLUENT

This report outlined the current situation with disinfection technology and recommended the trial of some Ultra Violet disinfection systems on discharge of wastewater from the oxidation pond. New technology is claimed to use only 20% of the power required for normal UV systems.

It was **resolved**:

1. That the Waste Management Unit proceed with the UV trial as proposed in the report. (Note that 14 February Strategy & Resources Committee have already approved funding up to \$150,000 from under expenditure in the 1999/2000 Wastewater Treatment Plant operating budget.)
2. That discussions be held with the University of Canterbury on the provision of testing of the high voltage system alongside the SIG Technology and conventional UV system, and that the cost of \$50,000 be met from the 2000/01 budget for the Capacity Upgrade work.
3. That staff be asked to seek (i) an undertaking that any manufacturing of the new technology plant be based in Christchurch, or, alternatively, (ii) other ways of securing the Council's investment in the new technology.
4. That officers who presented the report to the Subcommittee be congratulated on this presentation.